



Facility Linkage Application Secondary Data Steward Guide

May 2020

Data Steward Switchboard



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Note: Ctrl+click links above to go to section in training



FRS OVERVIEW

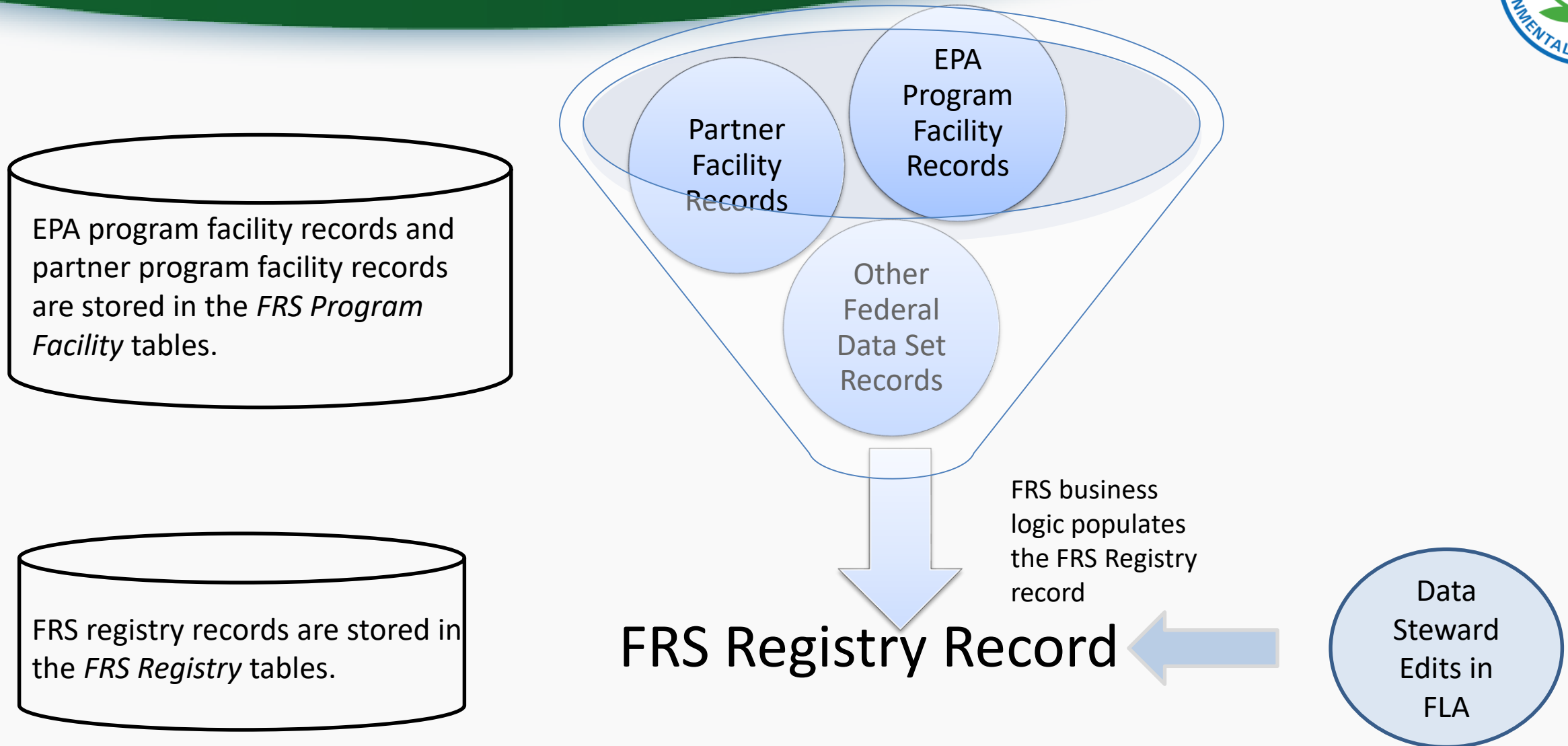
FRS Overview



- Facility Registry Service (www.epa.gov/frs)
- FRS integrates facility data from dozens of data sources including:
 - EPA program systems
 - State and Tribal data systems
 - Other Federal Datasets
 - Reference Datasets
- Integrated facility information is provided for public viewing via queries and in other EPA platforms such as Envirofacts and ECHO.

A screenshot of the EPA Facility Registry Service (FRS) website. The page has a blue header with the EPA logo and navigation links: "Environmental Topics", "Laws & Regulations", and "About EPA". A search bar is on the right. Below the header, there are social media icons and a "CONTACT US" link. The main heading is "Facility Registry Service (FRS)". A paragraph describes the service: "The Facility Registry Service provides quality facility data to support EPA's mission of protecting human health and the environment. Learn more about facilities, sites, or places of environmental interest that are subject to regulation." There are two main sections: "Search Data" with a magnifying glass icon and a list of links (FRS Query, EZ Query, FRS REST Services, Geospatial Data Download Service, MyProperty); and "Technical Resources" with a circuit board icon and a list of links (Data Model, Data Sources, Documentation, Geospatial Overview, System of Registries). On the right, there is a "ZIP Search" box with a "Search" button and an "FRS Contacts" box with the email "FRS_Support@epa.gov".

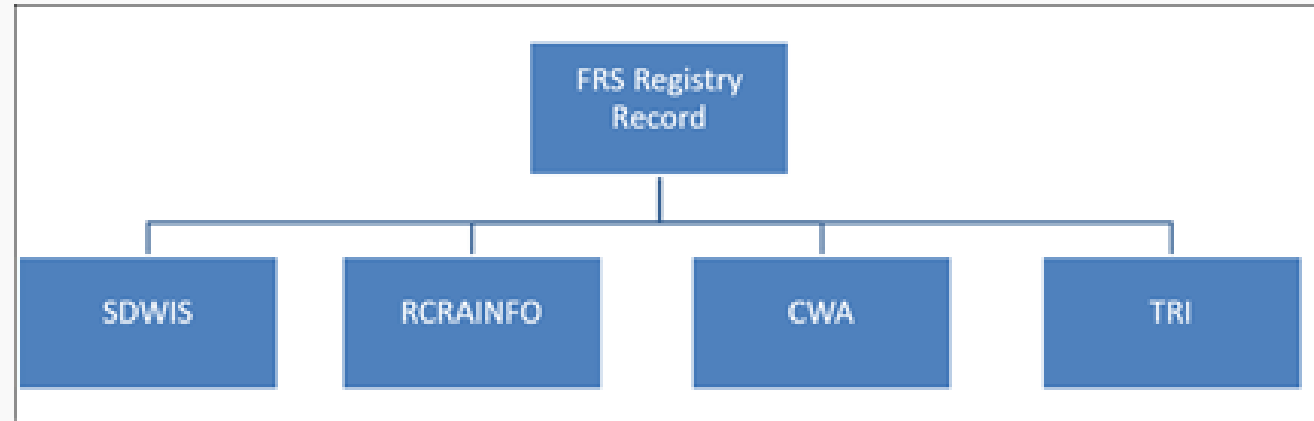
FRS Overview



FRS Overview



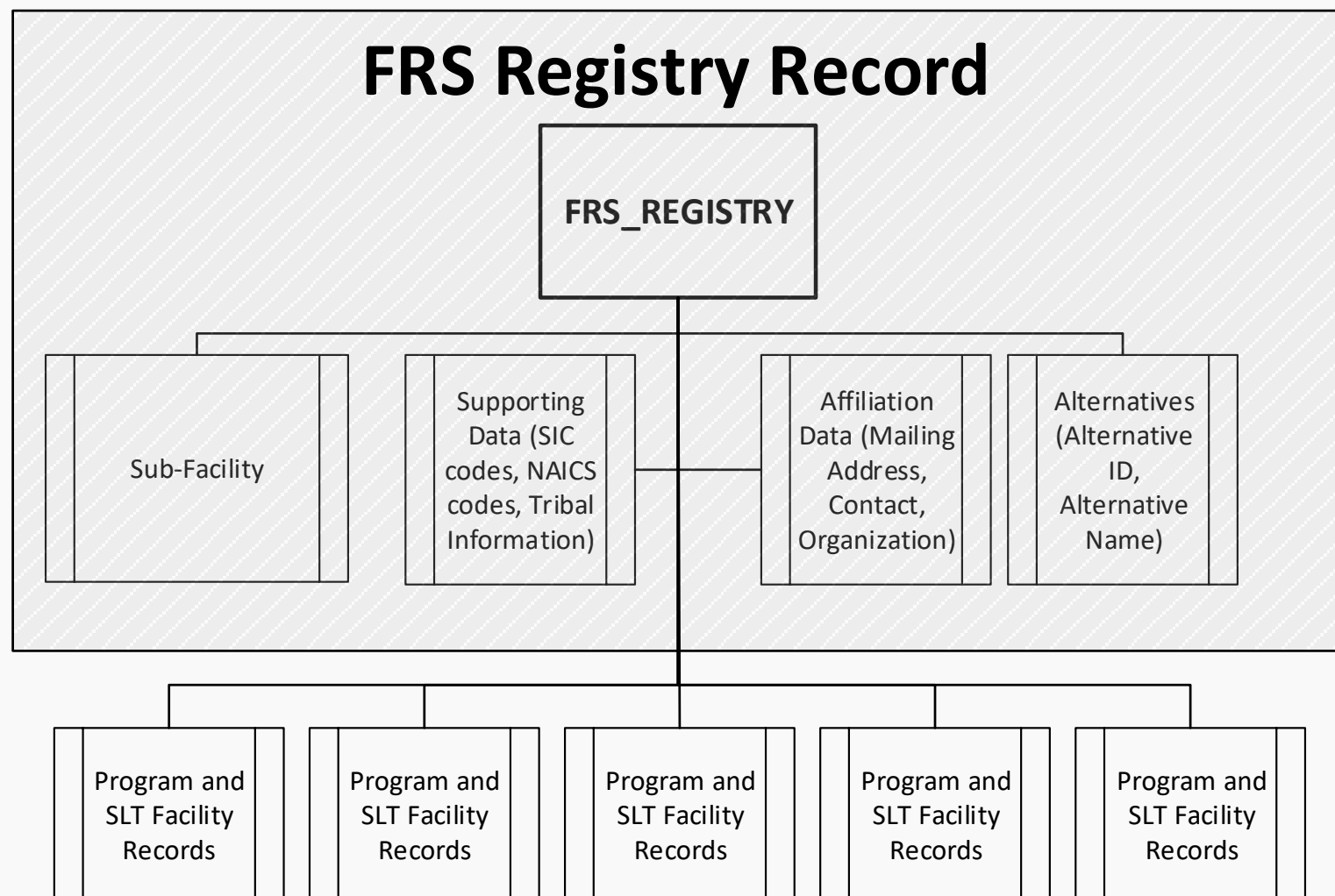
- FRS incorporates data from state and federal environmental data applications on a regular basis. Most data sets are refreshed monthly.
 - These records are the *program facility records*.
- FRS executes standardization and validation logic on new or refreshed data as part of the integration process.
- The integration process evaluates incoming records and links them to FRS registry records based on matching algorithms. This results in an FRS registry record with one or more program records linked to it.



What is a FRS Registry Record?



- The FRS registry record refers to the entire top-level facility record in FRS.
- It includes the Registry table as well as tables that contain additional data such as SIC and NAICS codes, organization, contact, and others.



Facility Linkage Application (FLA)




FLA 101

Training guides, videos and best practices for using the FLA.


[FLA 4.2 Sub-facility Screen Help](#)


[Geospatial Site Location SOP](#)

Data Initiatives





Publicly owned treatment works (POTW) Cleanup

TOTAL 1133 records 





Invalid facility data

TOTAL 1555387 records 




Resolve possible duplicates

TOTAL 12817 records 





















Review flagged facilities

TOTAL 39143 records 

My Queue

Submitted for Primary Data Steward Review

Registry Items Pending Review	Count	Actions
Delinked Program Facility Records	0 records	 
GIS Registry Data	0 records	 
Registry Merges	6 records	 
Registry Updates	3473 records	 
Relinked Program Facility Records	0 records	 

Component Items Pending Review	Count	Actions
Emission Control Measure Linkages	0 records	 
Emission Control Measure Merges	0 records	 
Emission Control Measure Updates	0 records	 
Emission Process Linkages	0 records	 

- FLA is the data quality tool used by data stewards to identify, review, improve, and link program data together to establish a unique registry-level facility record.
- FRS data stewards update registry-level facility data, but do not update program-level facility data (data provided by program systems).

Primary Data Stewards



- **Who:** EPA regional program staff
- **General Responsibilities:**
 - Act as a point of contact for regional data needs and data quality issues.
 - Assist with the dissemination of information about FRS to regional staff.
 - Assist with FRS data improvement projects.
 - Coordinate with state data stewards as needed.
 - Make data corrections (these corrections will be incorporated directly into the FRS).
 - Approve data corrections proposed by secondary or state/tribal stewards.
- **Note:**
 - There can be more than one primary regional data steward per region.



- **Who:** Staff from EPA regions and program offices.
- **General Responsibilities:**
 - Recommend data corrections through the Facility Linkage Application (FLA). These corrections will need to be approved by regional data stewards before they are incorporated into FRS' production layer.



FLA NAVIGATION

Accessing FLA



- FLA Login Portal - <https://www.epa.gov/frs/fla-facility-linkage-application>
- FLA accounts are only available to government employees and contractors who have registered FLA access.
- Log into FLA by clicking the 'Continue to FLA Log in' button, which will route users to EPA Web Application Access Login screen to enter their EPA LAN ID and password.

FLA Facility Linkage Application

FLA is the Data Steward tool to correct and update FRS data where you can:

- Edit Registry
- Edit Geocator
- Find Duplicates
- Find Linkages

Continue to FLA Log in ←

New To FLA? Do you have questions about getting started?

[Register for FLA](#) | [Register for EPA LAN ID](#) (prerequisite for FLA registration) | [FLA Access & Help](#)

Contact Information

FRS Support Team: FRS_Support@epa.gov

Accessing FLA



United States Environmental Protection Agency

EPA Web Application Access Login

Welcome to the EPA Web Application Access

A gateway for authorized users to find, request access and manage EPA tools, applications and communities. If you have an EPA LAN account, log in using LAN account user id and password. If you do not have an EPA LAN account, you will need to [Self Register](#) for an account.

User ID

Password

Login

[Forgot your user-id or password \(external users only\)?](#)

Warning Notice

1. This is a United States Environmental Protection Agency (EPA) computer system, which may be accessed and used only for official Government business.
2. Unauthorized access or use of this system may subject violators to criminal, civil, and/or administrative action.
3. All information on this computer system may be monitored, recorded, read, copied, and disclosed by and to authorized personnel for official purposes, including law enforcement.
4. Access or use of this computer system by any person, whether authorized or unauthorized, constitutes consent to these terms.

Clicking the Login button constitutes consent to these terms.

Enter your EPA LAN
ID and password to
gain access to FLA.

Accessing FLA



Users without FLA access will need to follow the following steps:

1. Register for an EPA LAN ID. (prerequisite for FLA Registration)
2. Register for FLA access.
3. After users have completed these steps, they may log into FLA using their EPA LAN ID and password.

Note:

- LAN IDs are also referred to as Website Access Management (WAM) IDs.
- EPA LAN ID and FLA access are approved by the FRS EPA project manager. Users will receive an email confirming approval access for each.

New To FLA? Do you have questions about getting started?

[Register for FLA](#) | [Register for EPA LAN ID](#)
(prerequisite for FLA registration)

[FLA Access & Help](#)

Contact Information

FRS Support Team: FRS_Support@epa.gov



Facility Linkage Application

[My Profile](#) [Help](#) [About](#) [Contact](#)

Search

FLA 101

Training guides, videos and best practices for using the FLA.

[FLA 4.2 Sub-facility Screen Help](#)

[FLA Best Practices Cheat Sheet](#)

[Geospatial Site Location SOP](#)

Data Initiatives



Publicly owned treatment works (POTW) Cleanup

TOTAL 625 records



Invalid facility data

TOTAL 1151311 records



Resolve possible duplicates

TOTAL 100695 records



Review flagged facilities

TOTAL 156562 records

[Secondary User Submission Status Summary Report](#)

[Secondary User Sub-facility Submission Status Summary Report](#)

Announcements

Important information from FRS

Data Refreshes

Dates when program data has been integrated

Data set **Updated**

[More...](#)

- Upon successfully logging in, the FLA homepage is the first page data stewards see.
- The homepage consists of four (4) sections which consolidate key metrics in addition to providing high-level information.
- These sections will be described in detail in the upcoming slides.



Data Initiatives



Publicly owned treatment works (POTW) Cleanup

STATE VA 4 records



Invalid facility data

STATE VA 11799 records



Resolve possible duplicates

STATE VA 581 records



Review flagged facilities

STATE VA 2279 records



- The 'Data Initiatives' section contains counts of registry-level records to be reviewed as part of ongoing EPA data clean up initiatives.
- These records can be further examined by clicking the magnifying glass icon next to each count.



Announcements

Important information from FRS

[What's New in FLA 4.2.3?](#)

August 20, 2019

[What's New in FLA 4.2.1?](#)

March 7, 2019

[What's New in FLA 4.2?](#)

September 18, 2018

[All Announcements](#)

January 27, 2013



- The 'Announcements' section is used to broadcast announcements from EPA to data stewards regarding data changes and other important announcements.
- By default, FLA displays the three (3) most recent announcements, which can be viewed in detail by clicking the announcement's link.
- Clicking the 'All Announcements' link routes users to the 'Announcements' page which displays a history of all announcements posted to the 'FLA Homepage'.

FLA Homepage - Data Refreshes




- The 'Data Refreshes' section provides a list of recently processed data refreshes.
- An extensive list of data refreshes can be seen by clicking the 'Submission' tab in the header or the 'More...' link which routes users to the 'Refresh Details' page.

Data Refreshes

Dates when program data has been integrated

Data set	Updated
BR	May 7, 2020
MA-EPICS	May 4, 2020
RCRAINFO	May 7, 2020
More...	



Refresh Details [Back](#)

The Recent Data Submission report displays the most recent date and number of records submitted from program and state systems.[Learn more](#)

1 - 50 >

Program Name	Program Acronym	Refresh Date ↓	Inserts	Updates
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	RCRAINFO	07-MAY-20	11711	26004
BIENNIAL REPORTERS	BR	07-MAY-20	71315	3898
MASSACHUSETTS - ENVIRONMENTAL PROTECTION INTEGRATED COMPUTER SYSTEM	MA-EPICS	04-MAY-20	1	25436
MARYLAND - TOOLS FOR ENVIRONMENTAL MANAGEMENT AND PROTECTION ORGANIZATIONS (TEMPO)	MD-TEMPO	04-MAY-20	0	3103
NORTH DAKOTA - FACILITY PROFILE	ND-FP	04-MAY-20	28	2261
WASHINGTON - FACILITY / SITE IDENTIFICATION SYSTEM	WA-FSIS	29-APR-20	14	107



FLA 101

Training guides, videos and best practices for using the FLA.

[FLA 4.2 Sub-facility Screen Help](#)

[Geospatial Site Location SOP](#)

- The 'FLA 101' section contains links to additional training guides, videos, and best practices for using the FLA.



Facility Linkage Application

[My Profile](#) [Help](#) [About](#) [Contact](#)

[Home](#) [Submission](#) [Data Sets](#) [Search](#) [Reports](#)

Enter registry ID or program ID

Search

- The header banner is available from all pages within the FLA.
- Primary data stewards will view the tabs highlighted in red; data stewards with administrative privileges will have access to the administrative dashboard.
- The tabs highlighted are discussed in further detail throughout this training guide.
- In the upper right corner, there are links to the following:
 - **My Profile page**—allows data stewards to edit information related to their profile such as phone number, name and email address.
 - **Help page**—links to the FLA help documentation.
 - **About page**—provides basic information about FRS and FLA.
 - **Contact Us page**—used to notify EPA staff about any FLA related questions or comments.
- The search feature in the lower right corner of the banner is used to search for facilities by Registry ID or Program ID.

Refresh Details Page

A screenshot of the FEA (Florida Environmental Assessment) web application interface. The top navigation bar is dark blue with white text for "Home", "Submission", "Data Sets", "Search", and "Reports". The "Submission" tab is highlighted with a red rectangular box. A blue arrow points from this box down to the "Refresh Details" heading. Below the heading, a descriptive sentence reads: "The Recent Data Submission report displays the most recent date and number of records submitted from program and state systems." At the bottom of the page, there is a search bar with a magnifying glass icon, a "Go" button, and an "Actions" dropdown menu.

- Upon clicking the 'Submission' tab in the header, FEA displays the 'Refresh Details' page.
- The 'Refresh Details' page displays an interactive report of the most recent data refreshes and number of records submitted from program and state systems.

Program Data Set Page



Home Submission **Data Sets** Search Reports

Enter registry ID or program ID

Program Data Set

This is an interactive report that allows the user to have maximum flexibility in creating their own customized report. Start by selecting a program system acronym and push search to see an initial result set. Then advanced filtering, sorting, and other options may be applied to the report using the actions button.

Program System

1. Primary Report

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Program System	Program ID	Registry ID	Primary Name	Location Address	City Name	County Name	State Code	Postal Code	EPA Region Code	Data Quality Code	Last Update	Environmental Interest Types
ICIS	1000007267	110009716254	COCA-COLA BOTTLING COMPANY CONSOLIDATED	4901 CHESAPEAKE DRIVE	CHARLOTTE	-	NC	28216	04	Missing County (mO)	14-APR-30 - FLA	ENFORCEMENT/COMPLIANCE ACTIVITY
ICIS	600025891	110001668561	FLORENCE CONCRETE PRODUCTS	340 INDUSTRIAL ROAD	SUMTER	-	SC	29150	04	Missing County (mO)	14-APR-30 - FLA	ENFORCEMENT/COMPLIANCE ACTIVITY

- Upon clicking the 'Data Sets' tab in the header, FLA displays the 'Program Data Set' page.
- The 'Program Data Set' page allows users to create interactive reports based on program facility data.

Search Page



Header navigation: Home | Submission | Data Sets | **Search** | Reports

Quick search bar: Enter registry ID or program ID [Search]

Search

EPA Program Systems:

Region:

State / Territory / Province:

Registry ID: Registry Name:

Data Quality Code: Tribal Land Code: Tribal Land Name:

- Upon clicking the 'Search' tab in the header, FLA displays the 'Search' criteria page.
- The 'Search' page allows users to search for registry-level facilities using one or more search parameters.
- Users can also search by registry ID or program ID in the quick search box in the header.






Reports Page



Home Submission Data Sets ▾ Search ▾ **Reports ▾** Enter registry ID or program ID Search

Reports

My Pending Data Submissions

-  [Submitted Updates](#) (lists updates to FRS records you have submitted that are awaiting Primary Data Steward approval)
-  [Submitted Merges](#) (lists merges of FRS records you have submitted that are awaiting Primary Data Steward approval)
-  [Submitted Delinked Program Records](#) (lists the program records you identified as needing to be delinked from FRS records that are awaiting Primary Data Steward approval)
-  [Submitted Relinked Program Records](#) (lists program records you relinked to a new FRS ID that are awaiting Primary Data Steward approval)
-  [Submitted GIS Data](#) (lists updated geospatial information you have provided that is awaiting Primary Data Steward approval)

Program Summary Statistics [Back](#)

The Summary Statistics report displays the total number of Facilities and City, County or Zip. [Learn more](#)

EPA Region

State

City

County

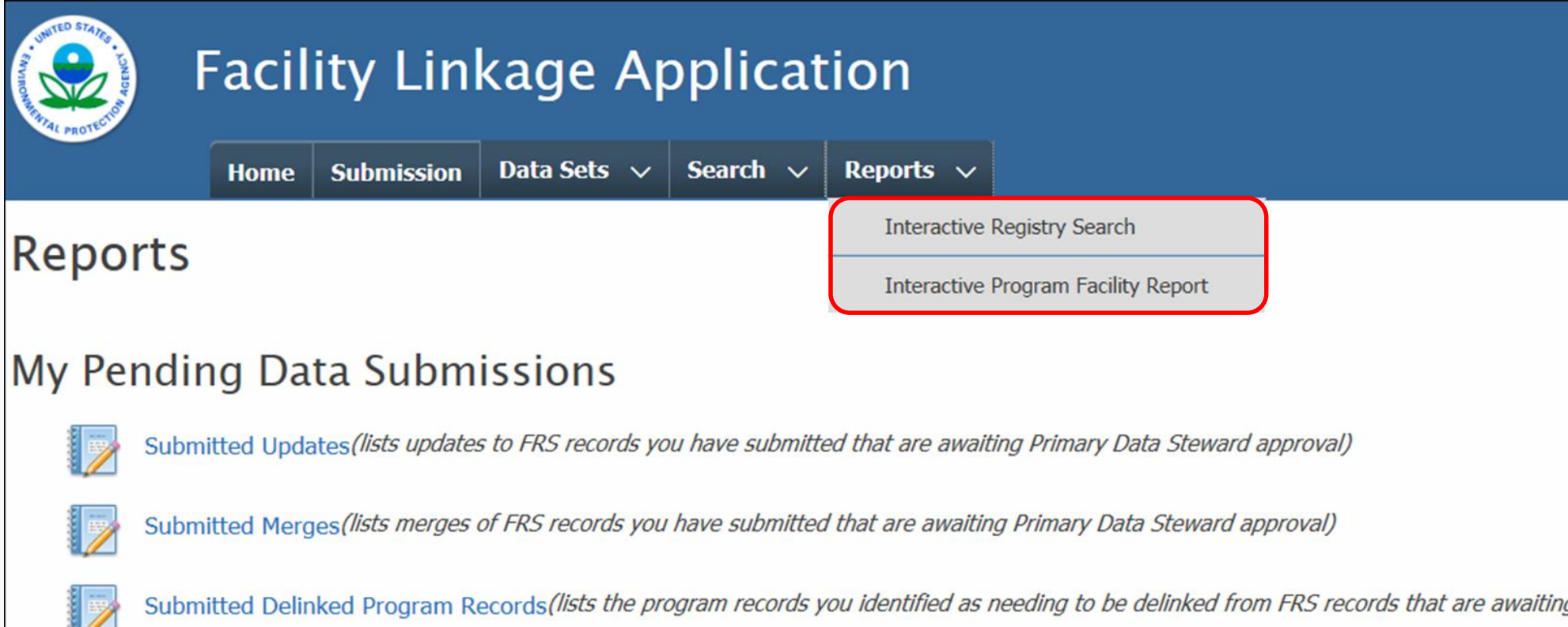
Zip


[Submit](#)

[Reset](#)

- Users can view a combination of classic and interactive reports by clicking the 'Reports' tab in the header.
- Classic reports are reports with pre-defined search parameters and limited search, and filter functionality. (example to the right).

Interactive Report

A screenshot of the "Facility Linkage Application" web interface. The top navigation bar includes links for Home, Submission, Data Sets, Search, and Reports. The Reports dropdown menu is open, showing "Interactive Registry Search" and "Interactive Program Facility Report". Below the navigation bar, the "Reports" section is visible, followed by "My Pending Data Submissions" which lists three items: Submitted Updates, Submitted Merges, and Submitted Delinked Program Records, each with a brief description.




 **Facility Linkage Application**

Home Submission Data Sets Search **Reports**

Reports

- Interactive Registry Search
- Interactive Program Facility Report

My Pending Data Submissions

-  **Submitted Updates** *(lists updates to FRS records you have submitted that are awaiting Primary Data Steward approval)*
-  **Submitted Merges** *(lists merges of FRS records you have submitted that are awaiting Primary Data Steward approval)*
-  **Submitted Delinked Program Records** *(lists the program records you identified as needing to be delinked from FRS records that are awaiting approval)*

- Interactive reports are accessible by clicking one of the sub-categories under the 'Reports' tab from the navigation bar or selecting from the Reports page.
- Interactive reports differ from classic reports by giving users full flexibility to customize the search parameters; whereas , classic reports limit the usable search parameters.

Interactive Report (Continued)



Q v Go Actions v

1 - 50 of 170948 >

Program System	Program ID	Registry ID	Primary Name	Location Address	City Name
ICIS	1000007267	110009716254	COCA-COLA BOTTLING COMPANY CONSOLIDATED	401 CHESAPEAKE DRIVE	CHARLOTTE
ICIS	600025891	110001668561	FLORENCE PRODUCTS	340 INDUSTRIAL ROAD	SUMTER
ICIS	600033745	110021320612	KANEB PIPE RAPIDS	3025 HIGHWAY 9 STREET	ROCK RAPIDS

Actions v

- Select Columns
- Filter
- Rows Per Page >
- Format >
- Flashback
- Save Report
- Reset
- Help
- Download

Format >

- Sort
- Control Break
- Highlight
- Compute
- Aggregate
- Chart
- Group By
- Pivot

- Advanced filtering, sorting, and other options may be applied to the report using the 'Actions' dropdown.
- This functionality is available on all pages that use interactive reports.
- Users are able to download the report created in various formats. Reporting criteria can be saved for later use.

Interactive Report (Continued)



Search: Go Actions:

☒ City Name = 'MONTGOMERY'

☒ State Code = 'AL'

1 - 50 of 104

Program System	Program ID	Registry ID	Primary Name	Location Address	City Name	County Name	State Code	Postal Code
ICIS	12293	110001713245	3 BROTHERS SERVICE CENTER	2221 LOWER WETUMPKA RD	MONTGOMERY			
ICIS	7424973	110022865988	A&H FOOD MART	828 MADISON AVENUE	MONTGOMERY			
ICIS	20254	110007232360	A&P AUTOMOTIVE INC	420 TWAIN CURVE	MONTGOMERY			

- Users can filter on columns by clicking the column header to generate the filter functionality.
- Filters can be applied to multiple columns simultaneously.
- Each filter applied is displayed above the generated results. Clicking the 'X' Icon will remove the filter.



Using FLA

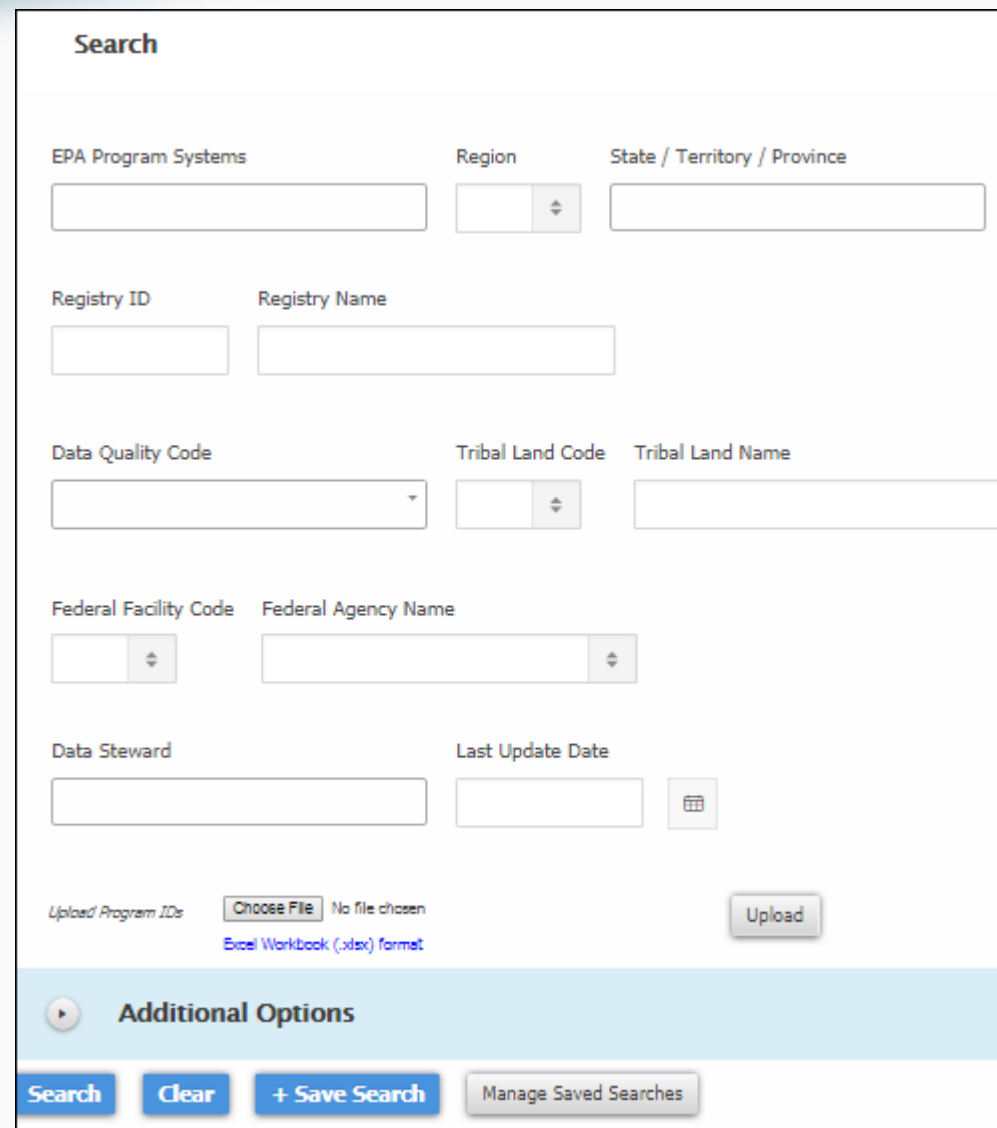


Searching for Registry-level Facilities

How to Search for Registry-level Facilities



1. Navigate to the 'Search' page.
2. Enter search parameters into the search criteria.
3. Click the 'Search' button to generate matches.
 - If a match is made, results will display under the search buttons.

A screenshot of the EPA Search page. The page has a white background with a light blue header. The main content area is titled "Search" and contains several search criteria fields: "EPA Program Systems", "Region", "State / Territory / Province", "Registry ID", "Registry Name", "Data Quality Code", "Tribal Land Code", "Tribal Land Name", "Federal Facility Code", "Federal Agency Name", "Data Steward", and "Last Update Date". There are also fields for "Upload Program IDs" with a "Choose File" button and a "No file chosen" message, and an "Upload" button. At the bottom, there is a light blue bar with the text "Additional Options" and a play button icon. Below this bar are four buttons: "Search", "Clear", "+ Save Search", and "Manage Saved Searches". A blue arrow points from the text "results will display under the search buttons." to the "Search" button.

How to Search for Registry-level Facilities (Continued)



Search

EPA Program Systems Region State / Territory / Province

Registry ID Registry Name

Data Quality Code Tribal Land Code Tribal Land Name

Federal Facility Code Federal Agency Name

Data Steward Last Update Date

Upload Program IDs No file chosen
Excel Workbook (.xlsx) format













Operating Status Operating Status Date

Note(s):

- By default the 'Search' page displays popular search criteria:
 - EPA Program System
 - State
 - Registry ID
 - Registry Name
- A more comprehensive list of search options is accessible by expanding the 'Additional Options' section.

How to Search for Registry-level Facilities (Continued)



<input type="checkbox"/>		110000478750	COCA-COLA BOTTLING CO OF SAN DIEGO	1348 47TH ST	SAN DIEGO	CA	921022591	SAN DIEGO	Valid			14-AUG-13 - FLA
<input type="checkbox"/>		110000486215	PEPSI-COLA OF NORTHERN CALIFORNIA	1480 BELTLINE RD.	REDDING	CA	96003	SHASTA	Valid			11-NOV-04 - FLA
<input type="checkbox"/>		110000486260	PEPSI COLA BOTTLING CO OF HONOLULU	99-1325 HALAWA VALLEY STREET	AIEA	HI	96701-3290	HONOLULU	Valid			13-DEC-09 - FLA
<input type="checkbox"/>		110000486297	COCA-COLA USA HONOLULU SYRUP PLANT	91-233 KALAELOA BOULEVARD	KAPOLEI	HI	96707-1817	HONOLULU	Valid			12-JAN-26 - FLA
download csv												

Note(s):

- Search results can be exported in Comma Separated Value (CSV) format by clicking the 'download csv' option.

How to Search for Registry-level Facilities (Continued)



Search

EPA Program Systems Region State / Territory / Province

Registry ID Registry Name

Data Quality Code Tribal Land Code Tribal Land Name

Federal Facility Code Federal Agency Name

Data Steward Last Update Date

Upload Program IDs No file chosen

[Excel Workbook \(.xlsx\) format](#)

Tips for Searching:

- Users can perform a multi-click from the 'Program,' 'Interest Type,' and 'Program Category' drop-down boxes.
- Use at least one geographic criterion (i.e., location address, city name, county name, state code, Zip code, region) to refine your search.
- Search results are limited by the maximum row count clicked at the bottom of the query page.
- The default maximum row count is 1,000, but it can be modified to return up to 100,000 records.
- Customized queries can be saved for future searches.

How to Search for Registry-level Facilities (Continued)



	110000478750	COCA-COLA BOTTLING CO OF SAN DIEGO	1348 47TH ST	SAN DIEGO	CA	921022591	SAN DIEGO	Valid			14-AUG-13 - FLA
	110000486215	PEPSI-COLA OF NORTHERN CALIFORNIA	1480 BELTLINE RD.	REDDING	CA	96003	SHASTA	Valid			11-NOV-04 - FLA
	110000486260	PEPSI COLA BOTTLING CO OF HONOLULU	99-1325 HALAWA VALLEY STREET	AIEA	HI	96701-3290	HONOLULU	Valid			13-DEC-09 - FLA
	110000486297	COCA-COLA USA HONOLULU SYRUP PLANT	91-233 KALAELOA BOULEVARD	KAPOLEI	HI	96707-1817	HONOLULU	Valid			12-JAN-26 - FLA

[download csv](#)

Note:

- Clicking a facility's registry ID routes users to the 'Facility Details' page.



Understanding the Registry Details Page

Understanding the Registry Details Page



Back

Registry Name
COCA-COLA BOTTLING CO CONSOLIDATED

 Google this 

Registry Location
4901 CHESAPEAKE DRIVE
CHARLOTTE NC 28216-2905
[Details](#) • [History](#)

8	8	8	1	26
Units	Release Points	Processes	Control Measures	Associations

Data Quality
Valid

Registry ID
110009716254

Federal Facility Indicator
No

Federal Agency

Tribal Land Indicator
No

Tribal Land Name



- The 'Registry Details' page maintains all data related to the registry-level facility.
- Key sub-sections of this page are discussed in detail in the upcoming slides.

Understanding the Registry Details Page (Continued)



[Back](#)

Registry Name
COCA-COLA BOTTLING CO CONSOLIDATED

Registry Location
4901 CHESAPEAKE DRIVE
CHARLOTTE NC 28216-2905
[Details](#) • [History](#)

Registry ID
110009716254

[Google this](#) [Exit](#)

8

8

8

1

26

UnitsRelease PointsProcessesControl MeasuresAssociations

Data Quality
Valid

An aerial satellite map showing an industrial facility with a large white roof. A red star marks the facility's location. Surrounding streets include "Chesapeake Dr" and "Snyder St". A railroad is visible to the left.

Federal Facility Indicator
No
Federal Agency
Tribal Land Indicator
No
Tribal Land Name

- **Registry Name**—The name of the facility.
- **Registry ID**—FRS Record identifier.
- **Registry Location**—The facility's physical address and geopolitical descriptors.
 - To aid in the validation of facility registry information, a 'Google this' button has been added allowing for the search of a facility with a single click.
 - FLA provides a map showing the location of the facility and other nearby facilities.

Understanding the Registry Details Page (Continued)



Back

Registry Name
COCA-COLA BOTTLING CO CONSOLIDATED

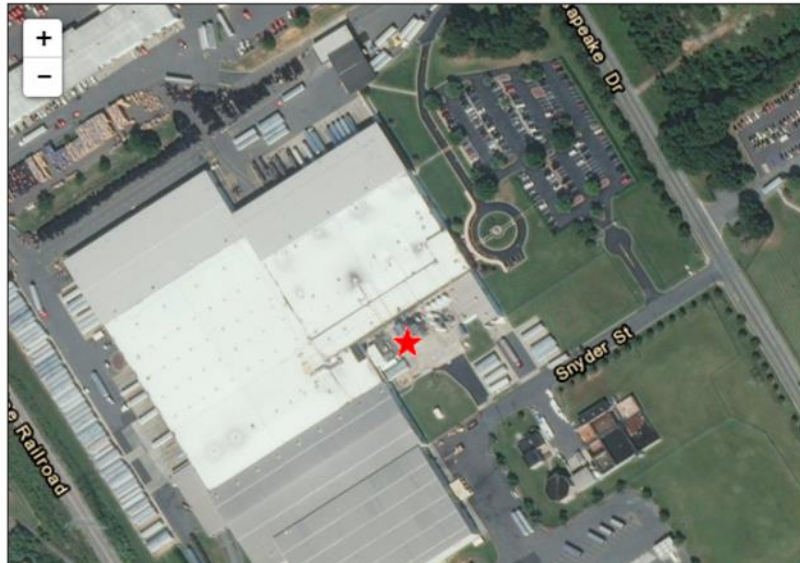
Registry Location
4901 CHESAPEAKE DRIVE
CHARLOTTE NC 28216-2905
[Details](#) • [History](#)

Registry ID
110009716254

Google this Exit

8	8	8	1	26
Units	Release Points	Processes	Control Measures	Associations

Data Quality
Valid

An aerial satellite map showing the facility's location. A red star marks the site, which is situated near a large industrial building and a parking lot. The map includes street names like "Chesapeake Dr" and "Snyder St", and a "Railroad" line is visible to the left.

- Sub-facility data is available by clicking on the hyperlinks found underneath the sub-facility indicator boxes.
- If sub-facility data is present, a count of records will be displayed in the appropriate box.

This guide does not go into details about sub-facility component screens, but supplementary information can be found within the [FRS Facility Linkage Application Sub-Facility Components](#) guide.

Understanding the Registry Details Page (Continued)



- Every time a FRS master record is updated or merged with another FRS record by a user, a copy of the information is saved to a FRS history table when the change is made.
- The 'History' page is accessed by clicking the 'History' link.
- On the 'History' page, users are able to view an audit trail to see past names and location information for FRS master records, and where a registry ID has been merged into another. This page provides the date on which the change took place.

[Back](#)

Registry Name
COCA-COLA BOTTLING CO COM

Registry Location
4901 CHESAPEAKE DRIVE
CHARLOTTE NC 28216-2905

[Details](#) • [History](#)

Registry ID
110009716254

Federal Facility Indicator
No

Federal Agency

Tribal Land Indicator
No

Tribal Land Name

Last Updated
14-APR-30

[Edit Registry](#)

[Edit Geolocator](#)

[Find Duplicates](#)

[Fix Linkages](#)

[Comments \(0\)](#)

[Program Data](#) • [Alternative Names](#) • [Alternative IDs](#) • [Organization](#) • [Contacts](#) • [Supplemental Environmental Interest](#)

History

[Revisions](#) • [Time Machine](#) • [Back to Current Data](#)

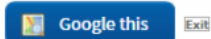
View	Date	Type	Affected Fields	Before	After	User	Region
	03-JAN-19	UPDATE	LAST_REPORTED_DATE DATA_QUALITY_CODE UPDATE_SOURCE_OF_DATA	14-JAN-17 - -	14-DEC-18 IZ EIS	REFRESH	09
	28-MAR-18	UPDATE	COUNTRY_FIPS_CODE UPDATE_SOURCE_OF_DATA	- -	US EIS	REFRESH	09

Understanding the Registry Details Page (Continued)



[Back](#)

Registry Name
COCA-COLA BOTTLING CO CONSOLIDATED



Registry Location
4901 CHESAPEAKE DRIVE
CHARLOTTE NC 28216-2905
[Details](#) • [History](#)

Registry ID
110009716254

Federal Facility Indicator
No

Federal Agency

Tribal Land Indicator
No

Tribal Land Name

Last Updated
14-APR-30

[Edit Registry](#) [Edit Geolocator](#) [Find Duplicates](#) [Fix Linkages](#) [Comments \(0\)](#)

[Program Data](#) • [Alternative Names](#) • [Alternative IDs](#) • [Organization](#) • [Contacts](#) • [NAICS](#) • [SIC](#) • [Mailing Address](#) • [Supplemental Environmental Interest](#)

- **Edit Registry**—use this option to update editable registry-level details such as Registry Location, name, and State Code.
- **Edit Geolocator**—use this option to update the representative location of the registry record.
- **Find Duplicates**—use this option to merge and identify duplicate registry records.
- **Fix Linkages**—use this option to correct mislinkages for a facility.
- **Comments**—use this option to view any comments that have been added for a facility or to add your own comments.

Understanding the Registry Details Page (Continued)



[Back](#)

Registry Name
COCA-COLA BOTTLING CO CONSOLIDATED

[Google this](#) [Exit](#)

Registry Location
4901 CHESAPEAKE DRIVE
CHARLOTTE NC 28216-2905
[Details](#) • [History](#)

Registry ID
110009716254

Federal Facility Indicator
No

Federal Agency

Tribal Land Indicator
No

Tribal Land Name


Last Updated
14-APR-30

[Edit Registry](#) [Edit Geolocator](#) [Find Duplicates](#) [Fix Linkages](#) [Comments \(0\)](#)

[Program Data](#) • [Alternative Names](#) • [Alternative IDs](#) • [Organization](#) • [Contacts](#) • [NAICS](#) • [SIC](#) • [Mailing Address](#) • [Supplemental Environmental Interest](#)

Units: 8, Release Points: 8, Processes: 8, Control Measures: 1, Associations: 26

Data Quality: Valid



- Each of the links below bring users to their respective sub-section on the 'Facility Details' page.
- Note: The data at these links can only be updated in the source (program) systems. Data stewards cannot update this data.

Understanding the Registry Details Page (Continued)



Program Data—This section details the program systems and environmental interests that are currently associated with the selected facility. Data stewards cannot update this data; it must be updated in the source (program) systems.

Additional EPA reports:

Program Data

Program	Program ID	Facility name	Location	City	State	Zip	County	DQ Code	Interest Type	Data Source	Last Update	Status
ICIS	1000007267	COCA-COLA BOTTLING COMPANY CONSOLIDATED	4901 CHESAPEAKE DRIVE	CHARLOTTE	NC	28216	-	Missing County (mO)	ENFORCEMENT/COMPLIANCE ACTIVITY	ICIS	10-MAY-27	-
TRIS	28216CCCLB4901C	COCA-COLA BOTTLING CO CONSOLIDATED	4901 CHESAPEAKE DR	CHARLOTTE	NC	28216	MECKLENBURG	Valid	TRI REPORTER	TRIS	11-NOV-04	ACTIVE
RCRAINFO	NCD067421396	COCA-COLA BOTTLING CO CONSOL	4901 CHEASPEAKE DR	CHARLOTTE	NC	28216	MECKLENBURG	Valid	CESQG	RCRAINFO	12-JAN-26	Y

Understanding the Registry Details Page (Continued)



Organization
No Organization found.

Contacts				
Name	Role	Phone	Email	Source Of Data
DENNIS PADGETT	COMPLIANCE CONTACT	9803213236	-	AIRS/AFS
DENNIS PADGETT	UNKNOWN CONTACT	9803213236	-	AIRS/AFS
DOUG LEONARD	REGULATORY CONTACT	7043934200	-	RCRAINFO
row(s) 1 - 3 of 6				

+ Show all rows...

Organizations—This section lists the organizations affiliated with the selected facility and provides the source of this data. Data stewards cannot update this data; it must be updated in the source (program) systems.

Contacts—This section lists contact information affiliated with the facility and provides the source of this data. Data stewards cannot update this data; it must be updated in the source (program) systems.

Mailing Address				
Mailing Address	City Name	State Code	Postal Code	Create Source Of Data
1900 REXFORD RD	CHARLOTTE	NC	285311487	RCRAINFO

row(s) 1 - 1 of 1 May 2020

Supplemental Environmental Interest	
No Supplemental Environmental Interest data found.	

Understanding the Registry Details Page (Continued)



North American Industry Classification System (NAICS) Codes—This section provides the NAICS code for the facility and describes the source of the NAICS code. Data stewards cannot update this data; it must be updated in the source (program) systems.

NAICS

NAICS Code	Indicator	Description
339999	PRIMARY	ALL OTHER MISCELLANEOUS MANUFACTURING.
312111	PRIMARY	SOFT DRINK MANUFACTURING.
ATELY	UNKNOWN	-

row(s) 1 - 3 of 3

Mailing Address

Mailing Address	City Name	State Code	Postal Code	Create Source Of Data
1900 REXFORD RD	CHARLOTTE	NC	285311487	RCRAINFO

row(s) 1 - 1 of 1 May 2020

Standard Industrial Classification Codes (SIC)—This section provides the SIC code for the facility and describes the source of the SIC code. Data stewards cannot update this data; it must be updated in the source (program) systems.

SIC

No SIC found.

Supplemental Environmental Interest

No Supplemental Environmental Interest data found.



Merging Registry-level Facilities

Merging Registry-level Facilities

- During the data integration process, FRS evaluates records to see if incoming records should be linked to existing registry records.
- FLA uses a scoring system to validate if incoming records are a match to an existing registry record.
- In some cases, the incoming records match some data attributes, but not enough to be automatically integrated.
- If that happens, a new registry record is created, but those records are flagged as a potential match to existing records.
- Data stewards view the flagged facilities and determine whether or not to merge them.

How to Merge Registry-level Facilities



1. Navigate to the 'Facility Details' page.
2. Click the 'Find Duplicates' button.

Notes:

- Primary data stewards merge registry-level facility records in order to reduce duplicate registries within FRS and ensure data is accurate.
- Upon Clicking the 'Find Duplicates' button, FLA will search for duplicates registry records. If no matches are made, users have the option to manually enter the registry record to be merged.

The screenshot shows the 'Facility Details' page for 'TOYOTA & SCION OF GLEN BURNIE'. The page includes fields for Registry Name, Registry Location, Registry ID, Federal Facility Indicator, Federal Agency, Tribal Land Indicator, Tribal Land Name, and Last Updated. A 'Google this' button and an 'Exit' button are in the top right. A summary section shows five categories with a count of 0: Units, Release Points, Processes, Control Measures, and Association. A 'Data Quality' box indicates 'Valid'. At the bottom, there are five buttons: 'Edit Registry', 'Edit Geolocator', 'Find Duplicates' (highlighted with a red circle and a blue arrow pointing to it), 'Fix Linkages', and 'Comments (0)'. The 'Find Duplicates' button is circled in red.

How to Merge Registry-level Facilities (Continued)



3. If no duplicates are found, data stewards can enhance the search by using the search options under the 'Duplicate Toggle' section.
4. If the registry ID to be merged is known, enter the value to the 'Add Registry ID' text field and click the 'Add' button.



Duplicate Toggle

The following options may be used to enhance duplicate searching. Click search

Search Options

- ☒ Default Search
- ☐ Search by NAICS
- ☐ Search By SIC
- ☐ First Two Words
- ☐ Radius

Search

Registry Matching Results

Analyze the duplicate candidates and check the checkbox beside any duplicate

- Select any registry IDs to merge by checking the check box.
- Additional registry IDs can be added manually by entering a registry ID and clicking the Add button.
- Click the Cancel button to not merge any records and return to the previous screen.
- Please click the Remove button in the same row as the Registry ID you do not want to merge.

Add Registry ID: **Add**

	Registry ID	Registry Name	Location Address
<input checked="" type="checkbox"/>	110003509626	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY

Merge **Cancel**

How to Merge Registry-level Facilities (Continued)



5. Click the checkbox next to the recently added registry ID(s).
6. Click the 'Merge' button.

Note(s):

- Clicking the 'Cancel' button will not merge any records and return users to the 'Facility Details' page.



Registry Matching Results

Analyze the duplicate candidates and check the checkbox beside any duplicate records.

- Select any registry IDs to merge by checking the check box.
- Additional registry IDs can be added manually by entering a registry ID and selecting
- Click the Cancel button to not merge any records and return to the previous page.
- Please click the Remove button in the same row as the Registry ID you do not want in

Add Registry ID:

	Registry ID	Registry Name	Location Address
<input checked="" type="checkbox"/>	110003509828	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY
<input checked="" type="checkbox"/>	110001767491	TRIGEN - NORTH CENTRAL AVENUE	201-3 CENTRAL AVENUE, NORTH

How to Merge Registry-level Facilities (Continued)



7. Click the FRS Record to retain.

Merge Registries [Back](#)

Identify the record that you would like to keep as the FRS record.

- To include another facility to merge, enter the Registry ID and select the Add button.
- Select the record to retain from the list of records to merge.
- Enter comments.
- To edit the merged facility record, select the Merge and Update button.
- If no duplicates were found for this facility, select the Clear Flag button to remove this facility.

Add Registry ID: [Add](#)

	Registry ID	Registry Name	Location Address
<input checked="" type="radio"/>	110003509828	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY
	(AIRS/AFS-2400301201)	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY
	(AIRS/AFS-2400301485)	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY
	(MD-PEMIS-003-1201)		7165 RITCHIE HIGHWAY
	(MD-RCRA-2678)	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY
	(MD-RCRA-3851)	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY
	(RCRAINFO-MDD022601801)	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY
	(RCRAINFO-MDD147248397)	TOYOTA /SCION OF GLEN BURNIE	7167 RITCHIE HIGHWAY
<input type="radio"/>	110055588449	FLETCHER, FUNERAL HOME	254 E MAIN STREET
	(AIRS/AFS-2401300384)	FLETCHER, FUNERAL HOME	254 E MAIN STREET
	(MD-TEMPO-14983)	FLETCHER, FUNERAL HOME	254 E MAIN ST

Comments

Additional Comments:

[Merge](#)

How to Merge Registry-level Facilities (Continued)



8. Add any comments needed to the 'Additional Comments' text box.

9. Click the 'Merge' button.

Note(s):

- When merging facilities, all program records associated with both facilities are consolidated under one registry ID.
- FRS retains the clicked registry Record ID and the remaining FRS IDs are archived.

Merge Registries [Back](#)

Identify the record that you would like to keep as the FRS record.

- To include another facility to merge, enter the Registry ID and select the Add button.
- Select the record to retain from the list of records to merge.
- Enter comments.
- To edit the merged facility record, select the Merge and Update button.
- If no duplicates were found for this facility, select the Clear Flag button to remove this facility.

Add Registry ID: [Add](#)

Registry ID	Registry Name	Location Address
110003509828	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY
(AIRS/AFS-2400301201)	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY
(AIRS/AFS-2400301485)	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY
(MD-PEMIS-003-1201)		7165 RITCHIE HIGHWAY
(MD-RCRA-2678)	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY
(MD-RCRA-3851)	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY
(RCRAINFO-MDD022601801)	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY
(RCRAINFO-MDD147248397)	TOYOTA /SCION OF GLEN BURNIE	7167 RITCHIE HIGHWAY
110055588449	FLETCHER FUNERAL HOME	254 E MAIN STREET
(AIRS/AFS-2401300384)	FLETCHER FUNERAL HOME	254 E MAIN STREET
(MD-TEMPO-14983)	FLETCHER FUNERAL HOME	254 E MAIN ST

Comments

Additional Comments:

[Merge](#)

How to Merge Registry-level Facilities (Continued)



Registry ID: 110055585013 (Retained)

Program Data							
Program	Program ID	Facility name	Location	City	State	Zip	County
RCRAINFO	MDD022601801	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
RCRAINFO	MDD147248397	TOYOTA /SCION OF GLEN BURNIE	7167 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
AIRS/AFS	2400301485	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
MD-PEMIS	003-1201	-	7165 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
MD-RCRA	3851	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
MD-RCRA	2678	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
AIRS/AFS	2400301201	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY	GLEN BURNIE	MD	21062	ANNE ARUNDEL



Program Data							
Program	Program ID	Facility name	Location	City	State	Zip	County
MD-TEMPO	14983	FLETCHER FUNERAL HOME	254 E MAIN ST	WESTMINSTER	MD	21157	CARROLL
AIRS/AFS	2401300384	FLETCHER FUNERAL HOME	254 E MAIN STREET	WESTMINSTER	MD	21157	CARROLL

Registry ID: 110003509828 (To be Archived)

May 2020

- The program records of the archived facility are merged with the retained facility.

Program Data							
Program	Program ID	Facility name	Location	City	State	Zip	County
MD-TEMPO	14983	FLETCHER FUNERAL HOME	254 E MAIN ST	WESTMINSTER	MD	21157	CARROLL
RCRAINFO	MDD022601801	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
RCRAINFO	MDD147248397	TOYOTA /SCION OF GLEN BURNIE	7167 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
AIRS/AFS	2400301485	TOYOTA & SCION OF GLEN BURNIE	7167 RITCHIE HWY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
AIRS/AFS	2401300384	FLETCHER FUNERAL HOME	254 E MAIN STREET	WESTMINSTER	MD	21157	CARROLL
MD-PEMIS	003-1201	-	7165 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
MD-RCRA	3851	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
MD-RCRA	2678	BROWNS TOYOTA CITY	7167 RITCHIE HIGHWAY	GLEN BURNIE	MD	21061	ANNE ARUNDEL
AIRS/AFS	2400301201	TOYOTA OF GLEN BURNIE	7165 RITCHIE HIGHWAY	GLEN BURNIE	MD	21062	ANNE ARUNDEL

Registry ID: 110055585013 (Retained)

How to Merge Registry-level Facilities (Continued)



Registry record has been successfully submitted and will be reviewed by a primary data steward.

- FLA routes data stewards to the 'Facility Details' page and prompts users with a confirmation message showing the registry record has been successfully submitted for review from a primary data steward.
- This message is shown after any registry-level updates (i.e., updating program linkages, modifying registry-level facility names, and etc.) are made within FLA as a secondary data steward.



Editing Registry-level Facilities

How to Edit Registry-level Data



1. Navigate to the 'Facility Details' page.
2. Click the 'Edit Registry' button.

A screenshot of the 'Facility Details' page for 'TOYOTA & SCION OF GLEN BURNIE'. The page displays various registry information and a set of buttons at the bottom. A large blue arrow points to the 'Edit Registry' button, which is circled in red. The 'Edit Registry' button is located at the bottom left of the page, next to other buttons like 'Edit Geolocator', 'Find Duplicates', 'Fix Linkages', and 'Comments (0)'. The page also shows fields for Registry Name, Registry Location, Registry ID, Federal Facility Indicator, Federal Agency, Tribal Land Indicator, Tribal Land Name, and Last Updated. On the right side, there are five boxes showing counts for Units, Release Points, Processes, Control Measures, and Association, all with a value of 0. A 'Data Quality' box indicates 'Valid'.

How to Edit Registry-level Data (Continued)



3. Update editable fields.
4. Click the 'Save' button when finished.

A screenshot of the EPA Registry-level Data form. The form contains several fields: Location Description, HUC Code 8, HUC Code 12, Facility Management Type Code, Air Local Control Region, Registry Description, Operating Status, Operating Status Date, POTW?, Portable Source?, Facility Type Name, Start Date, End Date, and Population Served. A red rectangular box highlights the top section of the form, including the Location Description, HUC Code 8, HUC Code 12, Facility Management Type Code, Air Local Control Region, and Registry Description fields. At the bottom of the form, there are two buttons: "Cancel/Close" and "Save". A blue arrow points to the "Save" button, which is also circled in red.



Relinking Program-level Facilities

How to Relink Program-level Facilities



- Bad linkages occur when the FRS algorithm incorrectly matches program records to the wrong registry-level record.
- The relinking process remedies this issue by delinking the program record from the incorrect registry-level record and relinking it to the correct registry-level record.
- Relinking differs from the merging process in that it can only move program records and does not archive registry-level facilities.
- Please note that if only one (1) program record is associated to the registry record, it cannot be linked to a different registry record. In that case, the registry records should be merged.

How to Relink Program-level Facilities (Continued)



1. Navigate to the 'Facility Details' page.
2. Click the 'Fix Linkages' button to be routed to the 'Fix Registry Linkages' page.

The screenshot shows the 'Facility Details' page for 'CITY OF EUREKA - FIRE DEPT. HQ1'. The page includes a 'Back' button, a 'Google this' button, and a 'Details • History' link. The facility location is listed as '533 C STREET, EUREKA CA 95501'. The registry ID is '110058303161'. The data quality is 'Valid'. The federal facility indicator is 'No'. The federal agency is 'No'. The tribal land indicator is 'No'. The tribal land name is 'No'. The last updated date is '14-APR-06'. At the bottom, there are buttons for 'Edit Registry', 'Edit Geolocator', 'Find Duplicates', 'Fix Linkages' (highlighted with a red circle and a blue arrow), and 'Comments (0)'.

Units	Release Points	Processes	Control Measures	Associations
3	3	3	0	9

How to Relink Program-level Facilities (Continued)



Program Data												
Program	Program ID	Facility name	Location	City	State	Zip	County	DQ Code	Interest Type	Data Source	Last Update	Status
EIS	15663711	CITY OF EUREKA - FIRE DEPT. HQ1	533 C STREET	EUREKA	CA	95501	HUMBOLDT	Valid	CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	EIS	14-APR-06	OPERATING
EIS	17196811	CALIFORNIA DEPT. OF FISH AND GAME	1660 HATCHERY ROAD	ARCATA	CA	95521	HUMBOLDT	Valid	AIR EMISSIONS CLASSIFICATION UNKNOWN	EIS	18-JUL-17	OPERATING

In the example above, FLA has assigned a program record to the incorrect facility. Note the ‘Facility name,’ ‘Location,’ and ‘Address’ fields are drastically different. This could lead a data steward to verify the validity of the linkage.

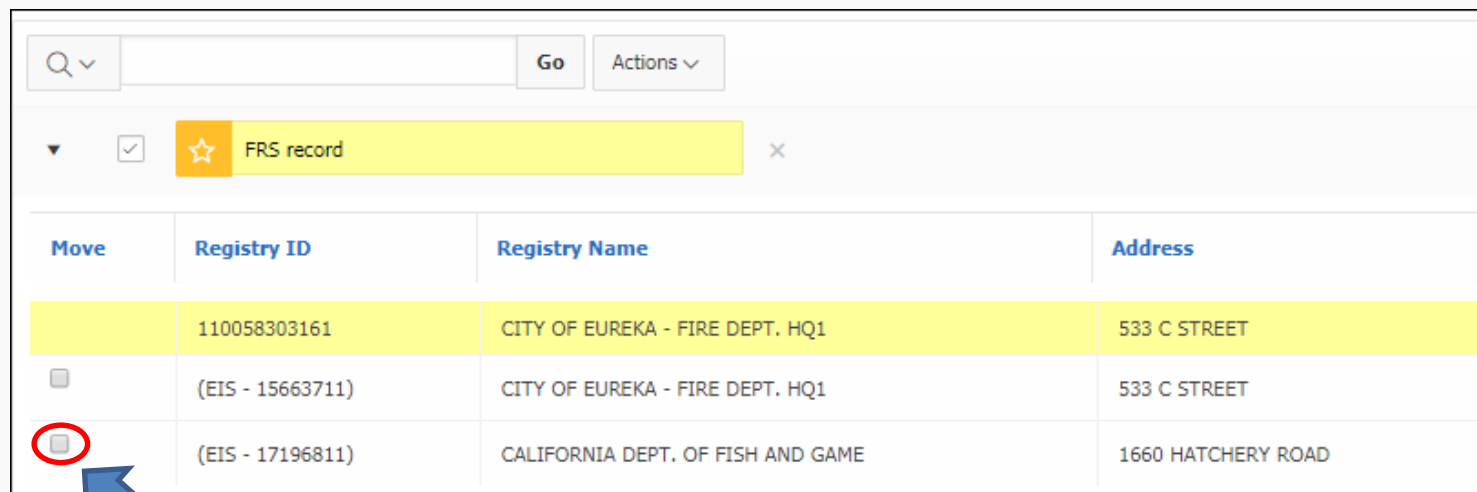
How to Relink Program-level Facilities (Continued)



- Click the program records to be relinked by checking the checkboxes.

Note(s):

- Multiple program records can be moved to the same registry ID at once.
- The section highlighted in yellow represents the original registry record.

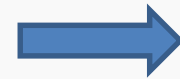


Move	Registry ID	Registry Name	Address
	110058303161	CITY OF EUREKA - FIRE DEPT. HQ1	533 C STREET
<input type="checkbox"/>	(EIS - 15663711)	CITY OF EUREKA - FIRE DEPT. HQ1	533 C STREET
<input type="checkbox"/>	(EIS - 17196811)	CALIFORNIA DEPT. OF FISH AND GAME	1660 HATCHERY ROAD

How to Relink Program-level Facilities (Continued)



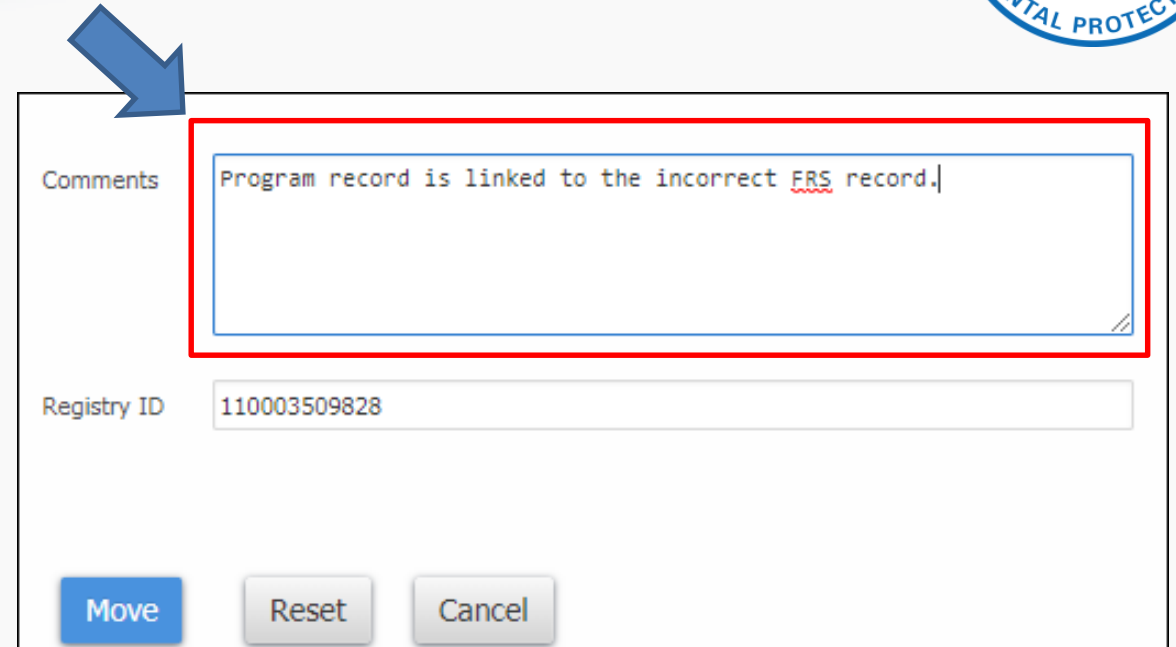
4. Enter the Registry ID to link the program record into the 'Registry ID' text box.
 - If the FRS record does not exist, click the 'Create new FRS ID' checkbox.

A screenshot of a web-based form for linking program records. The form includes a "Comments" text area at the top. Below it is the "Registry ID" section, which contains a text box with the placeholder text "Enter registry ID to link the program record to....". This text box is highlighted with a red border. Below the text box is a checkbox labeled "Create new FRS ID", which is also highlighted with a red border. At the bottom of the form are three buttons: "Move" (blue), "Reset" (grey), and "Cancel" (grey).

How to Relink Program-level Facilities (Continued)



5. Enter a comment that explains the reason for moving the program record(s).



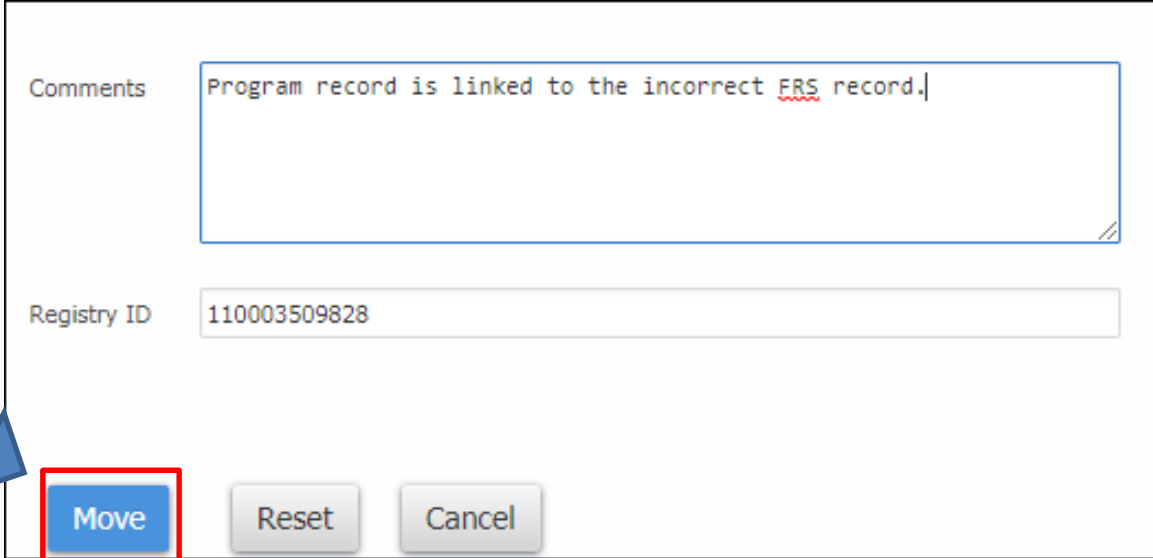
A screenshot of a web interface for linking program records. A blue arrow points to the "Comments" field. The "Comments" field is a text box containing the text "Program record is linked to the incorrect FRS record." The "Registry ID" field contains the value "110003509828". At the bottom are three buttons: "Move" (highlighted in blue), "Reset", and "Cancel".

Comments	Program record is linked to the incorrect <u>FRS</u> record.
Registry ID	110003509828
<div><button>Move</button><button>Reset</button><button>Cancel</button></div>	

How to Relink Program-level Facilities (Continued)



6. Click the 'Move' button to relink the program records.



The screenshot shows a web interface for relinking program records. It includes a "Comments" text area with the text "Program record is linked to the incorrect FRS record.", a "Registry ID" text box containing the value "110003509828", and three buttons at the bottom: "Move", "Reset", and "Cancel". A blue arrow points to the "Move" button, which is also highlighted with a red rectangular border.



Understanding Registry-Level Facility Best Pick

How to Navigate to the Facility Location Information Page



1. Navigate to the 'Facility Details' page.
2. Click the 'Edit Geolocator' button to navigate to the 'Facility Location Information' page.

Registry Name
ALCOA INC

Registry Location
MARKET ROAD 1786
ROCKDALE TX 76567
[Details](#) • [History](#)

Registry ID
110008144025

Federal Facility Indicator
No

Federal Agency

Tribal Land Indicator
No

Tribal Land Name
KICKAPOO TRADITIONAL TRIBE OF TEXAS

Last Updated
18-DEC-03

[Google this](#) [Exit](#)

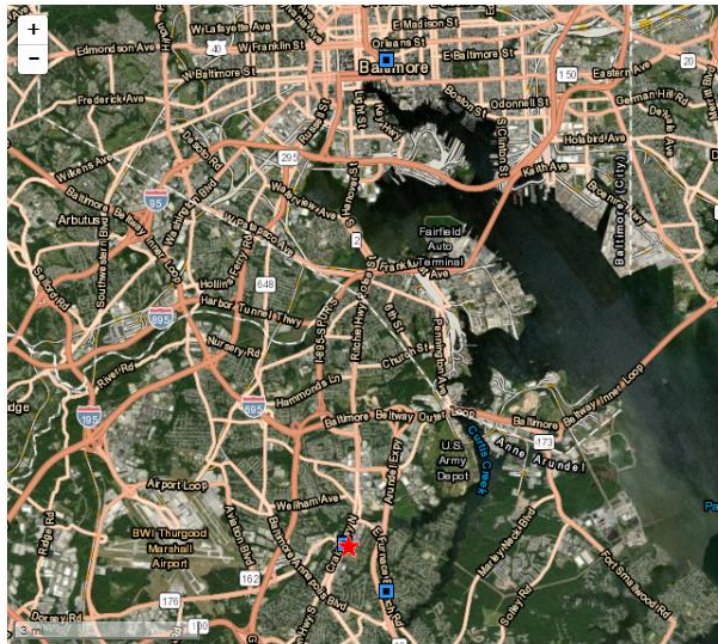
8 Units 57 Release Points

Data Quality
Valid

[Edit Registry](#) [Edit Geolocator](#) [Find Duplicates](#) [Fix Linkages](#) [Comments \(0\)](#)

A blue arrow points to the 'Edit Geolocator' button, which is circled in red.

How to Navigate to the Facility Location Information Page (Continued)



Legend

- ★ Original best value
- Other facility location
- Facility centered on
- Secondary DS value
- New best value

Directions

To change the location of the Representative Point (Best Pick Value) for this facility:

Choose a new point from one of the points that already exist.
Click on the point, then in the pop up window click on the "Change Best Value" button.

or

Add a new location to the map by clicking the Enter Lat/Long button and entering the coordinates

or

Add a new location to the map by clicking the Draw Point button at the bottom of the map.

Additional links:

- [Open in Geohack](#) [Exit](#)
- [Having trouble seeing the Geolocator buttons?](#)

- The 'Facility Location Information' page allows data stewards to modify the registry-level facility's best pick or representative point location.
- The page also displays program-level facility location data which can be viewed under the map.
- More information related to this page will be discussed in later slides.

Action	LRT Record ID	Conveyor of Record	Program System Name	Program System ID	Program System Subentity ID	Program Latitude (NAD 83)	Program Longitude (NAD 83)	Best Value	Distance to Best Value (in Meters)	Collection Method	Accuracy Value (m)	Scale	MOD Score	Reference Point	Insertion Date	Map Coordinate
	32703687	FRS-GEocode	FRS	110003509828		39.17546	-76.61582	Y	0	ADDRESS MATCHING-HOUSE NUMBER	30	null		CENTER OF A FACILITY OR STATION	2015-07-14	Map Zoom
	12636105	NEI	NEI	NEIMD5100651		39.29084	-76.604736	N	7263.554	UNKNOWN	null	null		AIR RELEASE STACK	2007-01-23	Map Zoom
	14304642	RCRIS	RCRAINFO	MDD022601801		39.164722	-76.604444	N	1545.196		null	null			2007-01-30	Map Zoom
	14304643	COMMERCIAL VENDOR	RCRAINFO	MDD022601801		39.175961	-76.617199	N	131.503	ADDRESS MATCHING-HOUSE NUMBER	150	100000		PLANT ENTRANCE (GENERAL)	2007-01-30	Map Zoom
	14306674	COMMERCIAL VENDOR	RCRAINFO	MDD147248397		39.17609	-76.617125	N	132.696	ADDRESS MATCHING-HOUSE NUMBER	150	100000		PLANT ENTRANCE (GENERAL)	2007-01-30	Map Zoom
	14306675	RCRIS	RCRAINFO	MDD147248397		39.164722	-76.604444	N	1545.196		null	null			2007-01-30	Map Zoom
	16033054	AIRS/AFS	AIRS/AFS	2451000651		39.291111	-76.604722	N	7276.33		null	null			2007-06-01	Map Zoom

FRS Best Pick Locations



- FRS uses complex logic to determine a registry-level facility's best pick or representative point location.
- The process runs weekly (every weekend).
- Things to know about the best pick process:
 - Data stewards can update a facility's best pick location using FLA.
 - The point will show as a temporary icon and will not update the location in other FRS maps until the weekly process is run.
 - Data steward changes made to a best pick location for records with **Superfund NPL program records** will not be saved when the weekly process runs.

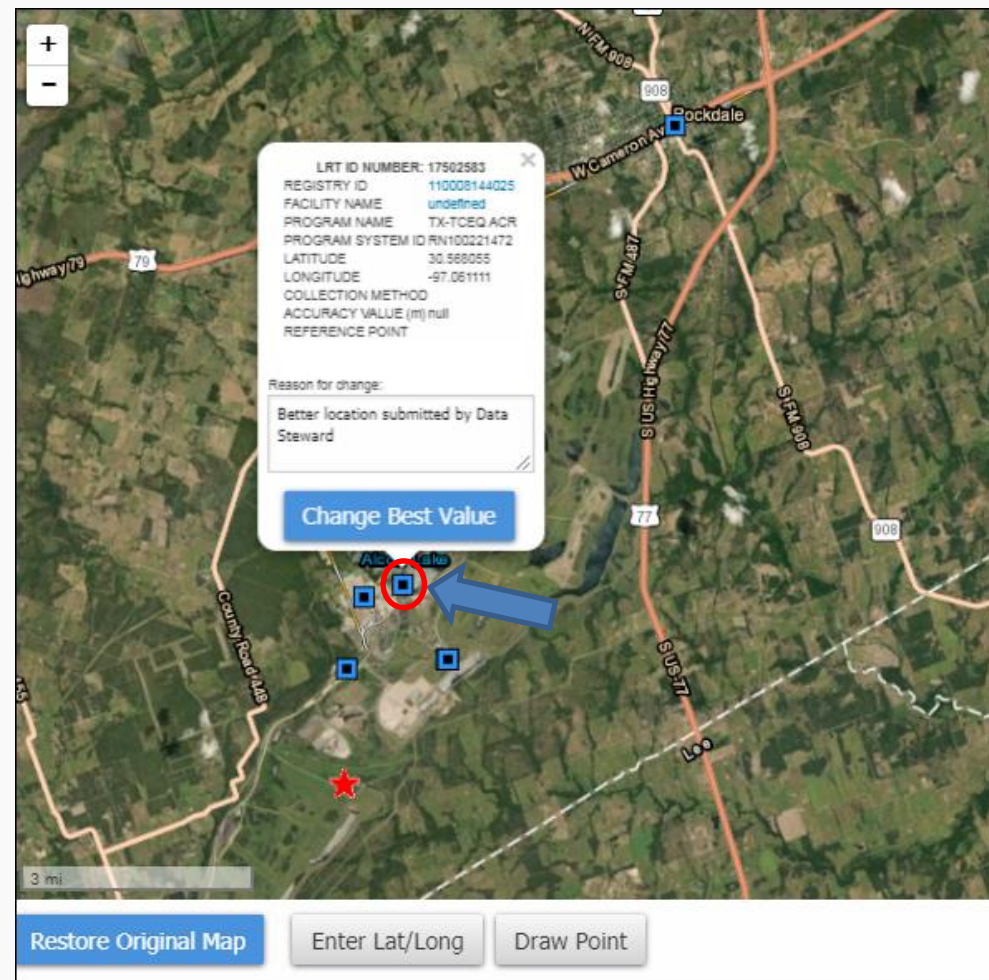


Modifying a Facility's Best Pick Location

How to Modify a Facility's Best Pick Location — Select from existing locations (Option 1)



1. Navigate to the 'Facility Location Information' page.
2. Select one of the facility locations that already exist on the map, which is not the original best pick value (original best pick value is indicated by the red star).

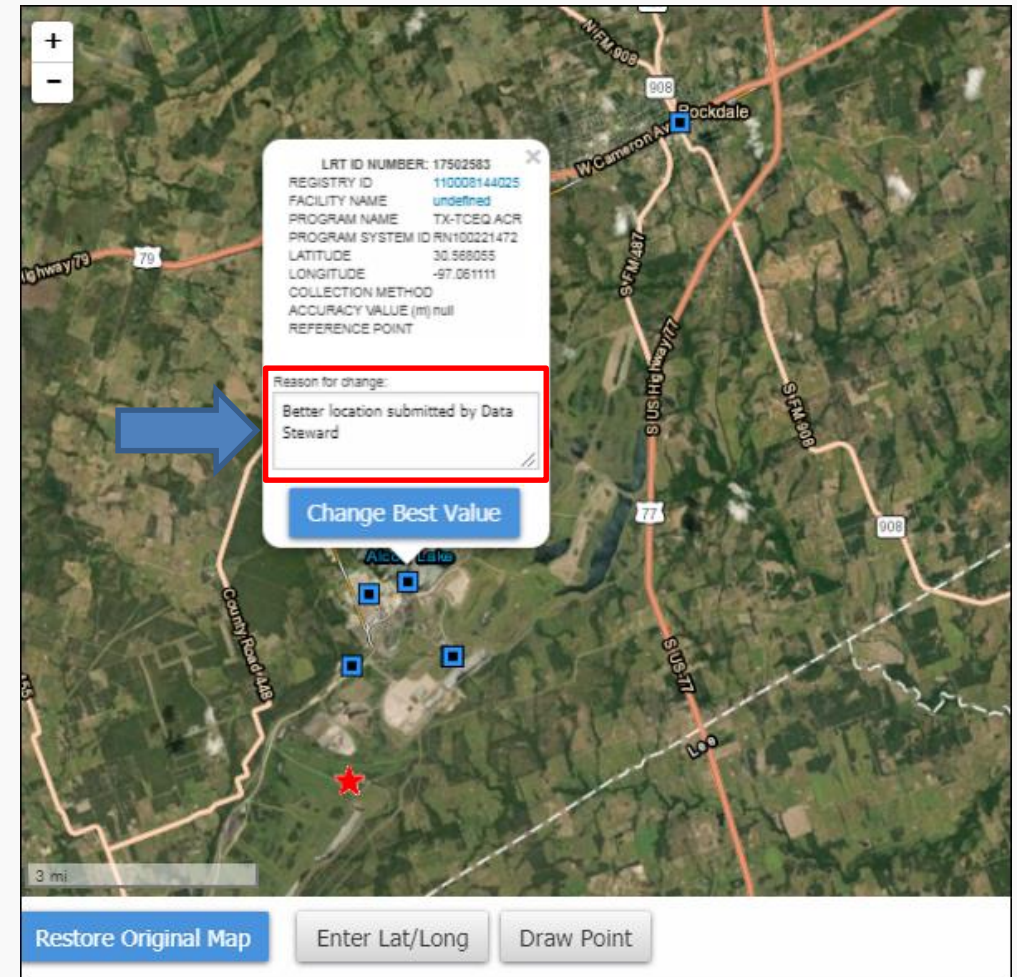


How to Modify a Facility's Best Pick Location — Select from existing locations (Option 1)



(Continued)

3. Add a comment in the 'Reason for change' text box justifying the change in location.

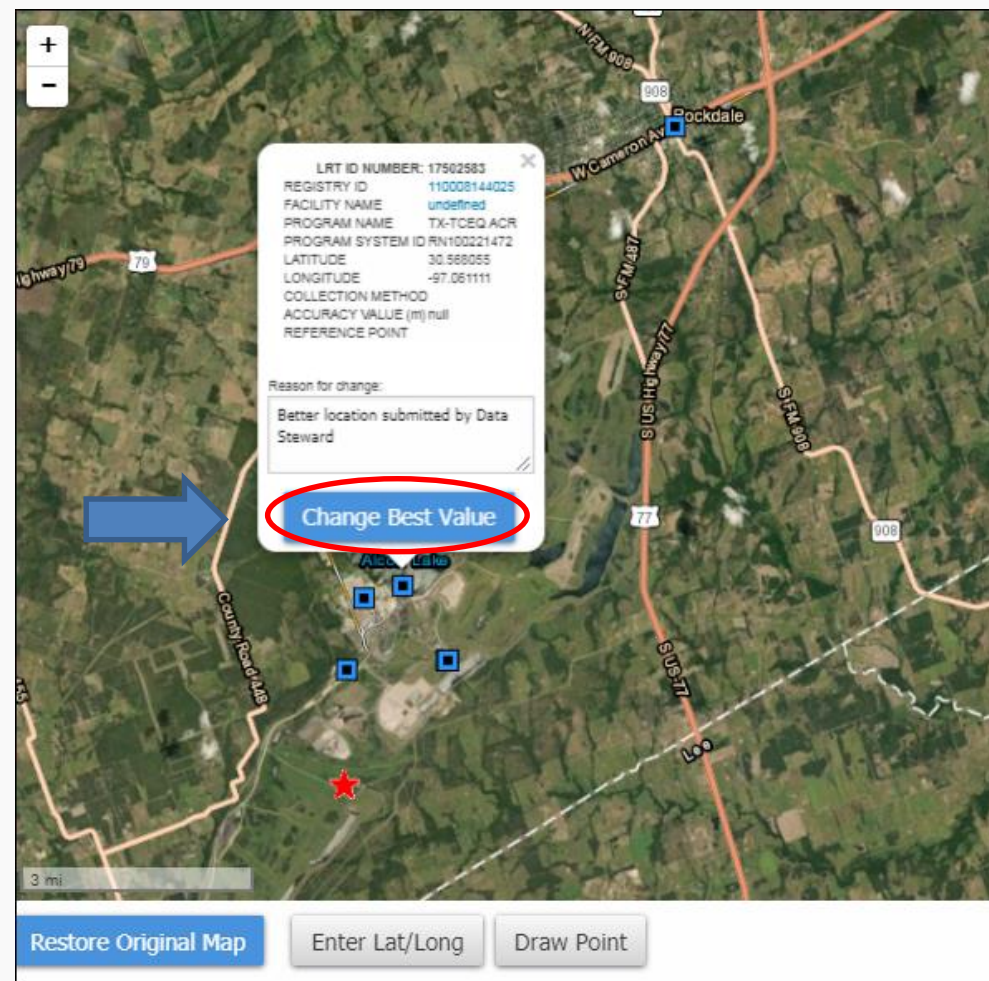


How to Modify a Facility's Best Pick Location — Select from existing locations (Option 1)



(Continued)

4. Click the 'Change Best Value' button to confirm the location change.



How to Modify a Facility's Best Pick Location — Manually Enter Coordinates (Option 2)



1. Navigate to the 'Facility Location Information' page.
2. Click the 'Enter Lat/Long' button.

A screenshot of a web application interface for facility location information. On the left is a satellite map of a rural area with roads and fields. A red star is marked on the map. Below the map are three buttons: "Restore Original Map", "Enter Lat/Long" (which is circled in red), and "Draw Point". To the right of the map is a form with the following fields: "Reference Point:" (a dropdown menu), "Collection Method:" (a dropdown menu), "Latitude:" (a text input field), "Longitude:" (a text input field), "Datum:" (a dropdown menu), "Scale:" (a text input field), and "Accuracy (m):" (a text input field). Below these fields are two buttons: "Add Point" and "Cancel".

Reference Point:

Collection Method:

Latitude:

Longitude:

Datum:

Scale:

Accuracy (m):



How to Modify a Facility's Best Pick Location — Manually Enter Coordinates (Option 2)

(Continued)



3. Enter the coordinates, collection method, datum, scale, and accuracy values for the facility.
4. Click the 'Add Point' button to add the new representative point.

A screenshot of a web-based interface for selecting a facility location. On the left is a satellite map showing a rural area with roads and fields. A red star marks a specific location on the map. Below the map are three buttons: "Restore Original Map", "Enter Lat/Long", and "Draw Point". On the right is a form with a red border. The form contains the following fields: "Reference Point:" (a dropdown menu), "Collection Method:" (a dropdown menu), "Latitude:" (a text input field), "Longitude:" (a text input field), "Datum:" (a dropdown menu), "Scale:" (a text input field), and "Accuracy (m):" (a text input field). Below the form are two buttons: "Add Point" (highlighted with a blue arrow) and "Cancel".

Reference Point:

Collection Method:

Latitude:

Longitude:

Datum:

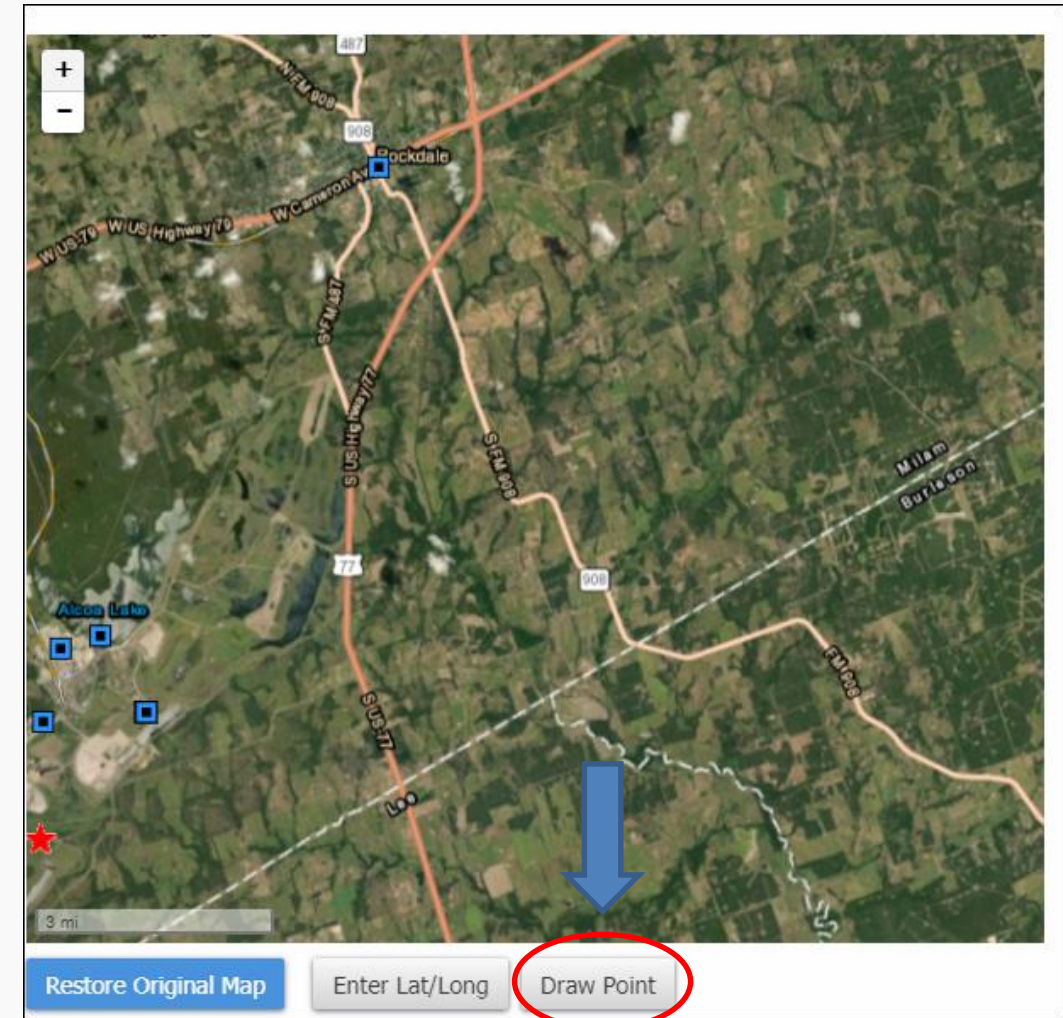
Scale:

Accuracy (m):

How to Modify a Facility's Best Pick Location — Create a New Location — (Option 3)



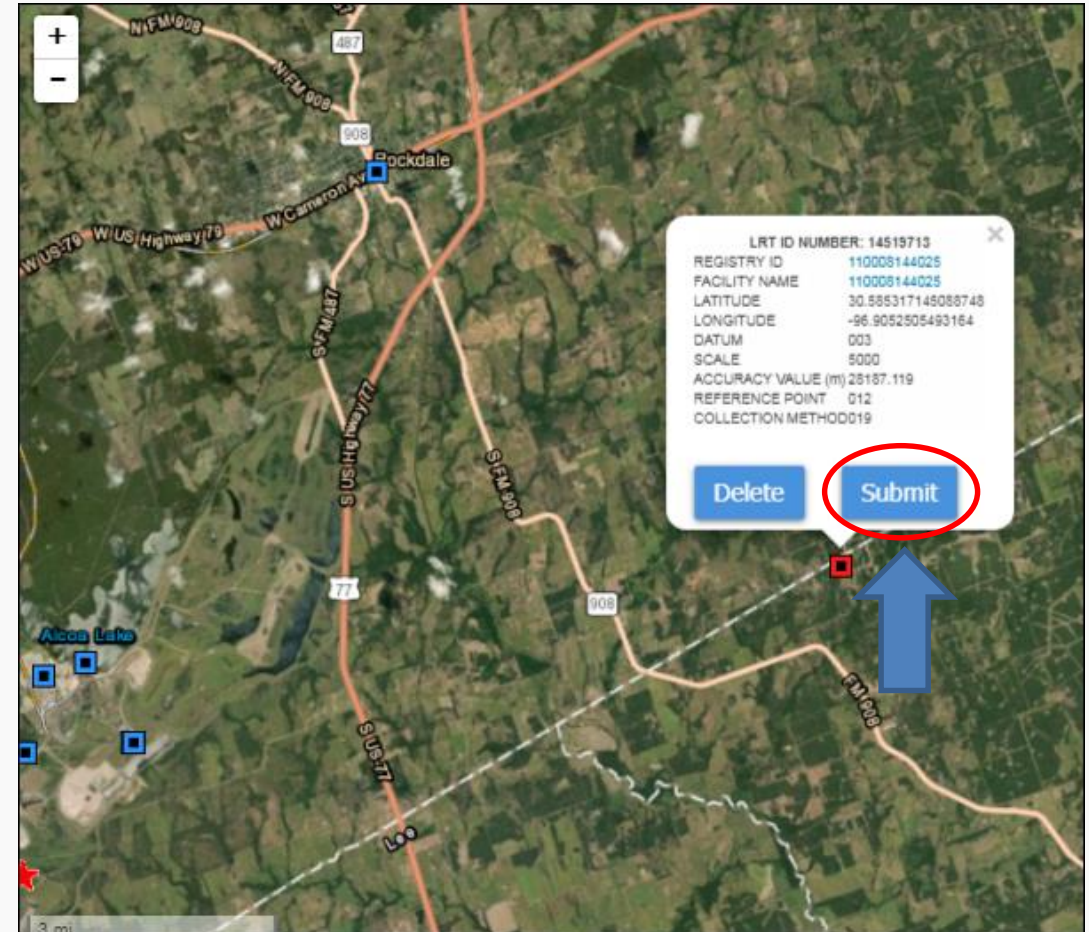
1. Navigate to the 'Facility Location Information' page.
2. Click the 'Draw Point' button at the bottom of the map.



How to Modify a Facility's Best Pick Location — Create a New Location — (Option 3) (Continued)



3. Adjust the newly added location by clicking and dragging the object to the representative location.
4. Click the 'Submit' button to finalize the location.
 - Clicking the 'Delete' button will remove the recently added location.





Reviewing the Status of Secondary Data Stewards Submissions

How to Manage the Secondary Data Steward Submissions



Secondary User Submission Status Summary Report
Secondary User Sub-facility Submission Status Summary
Report

- Clicking the 'Secondary User Submission Status Summary Report' or 'Secondary User Sub-facility Submission Status Summary Report' links route users to the respective 'Secondary User Submission Status' pages.
- The 'Secondary User Submission Status' pages generate interactive reports displaying the status of submissions made by secondary data stewards for a specified time frame.

Pending Registry-Level Submissions



[Back](#) **Current Pending Secondary Submissions**

[Delink Program Records](#) [GIS Data](#) [Merges](#) [Record Updates](#) [Relinked Program Records](#)

01142

Secondary User Submission Status Summary Report
This report shows a breakdown of the status of submissions made by Secondary Data Stewards for the timeframe specified. Choose dates using the calendar or leave the field(s) blank to select all. Leave both "From" & "To" dates blank to select all records.

Status: From: To:

1 - 13 of 13

Registry ID	Primary Name	Submitter ID	Status	Transaction Type
110000512473	PILGRIMS PRIDE CORP OF DE	FLA_TEST_SECONDARY_NP	ACCEPTED	RELINK
110000520124	ARAB WATER TREATMENT PLANT	FLA_TEST_SECONDARY_NP	ACCEPTED	RELINK

1. Select the submission status from the drop-down menu.
 2. Enter a time frame to search by in the highlighted text fields.
 3. Select the 'Go' button to generate results.
- Note(s):**
- Leave both the 'From' and 'To' dates blank to select all records.
 - Counts of each update type are shown at the top of the page.

Pending Registry-Level Submissions (Continued)



GIS Data						
Q ▾ <input type="text"/> Go Actions ▾						
1 - 2 of 2						
Registry ID	Accuracy Measure	Longitude	Latitude	Chg Date	Comments	Status
110002105178	847.24	-87.993718	34.117054	28-JAN-2019	Better location submitted by Data Steward	REVIEW
110090496287	-	-	-	16-JAN-2019	Better location submitted by Data Steward	REVIEW

Note(s):

- Geographic Information System (GIS) updates such as updating the best pick value are shown under the 'Secondary User Submission Status Report' table.
- The search criteria previously discussed applies to the 'GIS Data' table as well. Users can search for specific updates within the table using the search functionality highlighted.

Pending Sub-Facility Submission Status



[Back](#) Secondary User Sub-facility Submission Status Summary Report

[Merges](#) [Record Updates](#) [Relinked Program Records](#)

3 16 5

This report shows a breakdown of the status of submissions made by Secondary Data St
Choose dates using the calendar or leave the field(s) blank to select all. Leave both "From

Status Transaction Type From To

REVIEW ALL 29-DEC-2015 28-JAN-2019

Go Actions

1 - 15 of 15

Facility Registry ID	Facility Name	Component ID	Component Type	St
110000764325	U S COAST GUARD YARD	418913	EMISSIONS PROCESS	RE
110008144025	ALCOA INC	391458	RELEASE POINT	RE
110008144025	ALCOA INC	310671	EMISSIONS UNIT	RE
110008144025	ALCOA INC	310671	EMISSIONS UNIT	RE
110008144025	ALCOA INC	310671	EMISSIONS UNIT	RE

1. Select the submission status from the drop-down menu.
 2. Enter a time frame to search by in the highlighted text fields.
 3. Select the 'Go' button to generate results.
- Note(s):
- Leave both the 'From' and 'To' dates blank to select all records.
 - Counts of each update type are shown at the top of the page.



Finding your Regional Primary Data Steward(s)

Primary Data Steward Contacts



- FRS Primary Data Steward Network
(<https://www.epa.gov/frs/frs-data-steward-network-contacts>)
- The webpage includes the email and phone number for each primary data steward.

FRS Data Steward Network Contacts

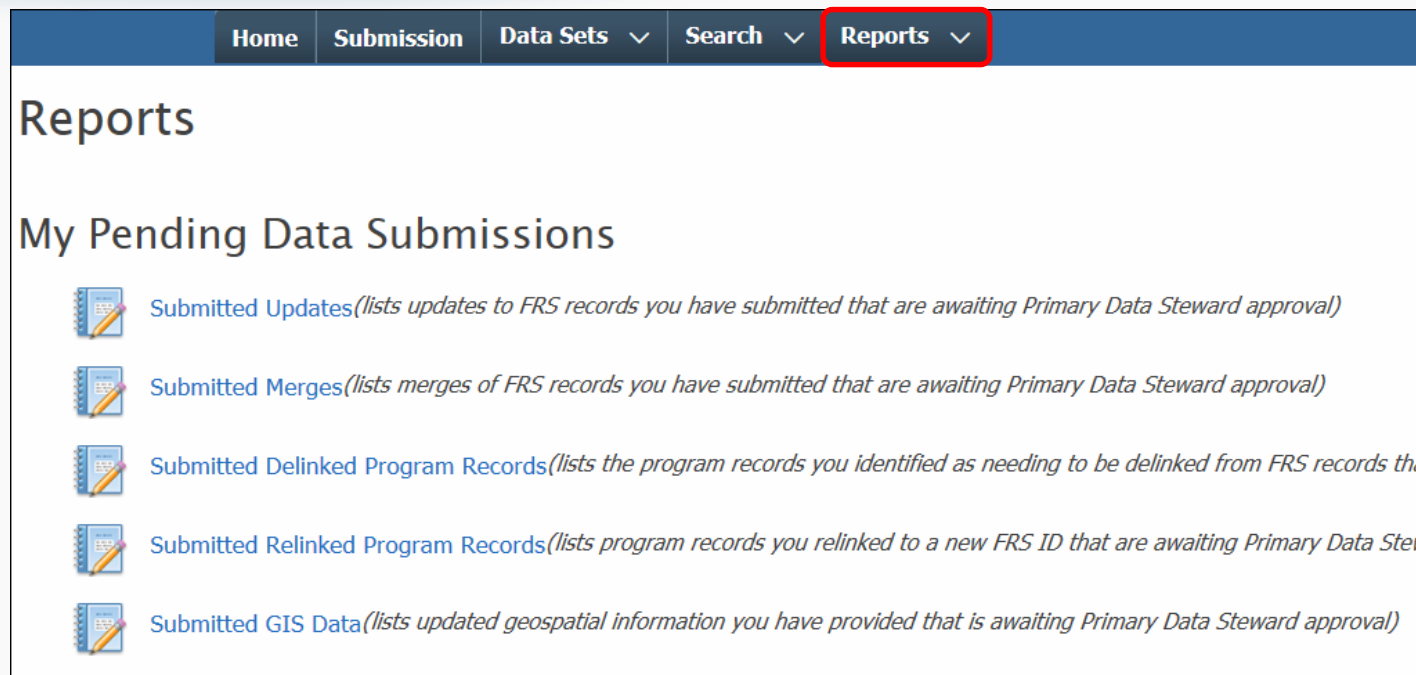
Regional Lead and Alternate Contact Information

Contact Information	Type of Data Steward	Organization
Ed Kim kim.ed@epa.gov (617) 918-1945	Primary	1
Karen Seet seet.karen@epa.gov (212) 637-4071	Primary	2
Kris DeNardi Denardi.kristopher@epa.gov (215) 814-2834	Primary	3



Generating Reports

How to Generate Classic Reports



1. Click the 'Reports' tab from the header.







How to Generate Classic Reports (Continued)





2. Click one of the listed reports.

Reports





Pending Secondary and Other User Data Submissions

-  Secondary and Other User Submissions - Updates *(pending updates to FRS records submitted by Secondary and Other Data Stewards [Learn more](#))*
-  Secondary and Other User Submissions - Merges *(pending merges submitted by Secondary and Other Data Stewards [Learn more](#))*
-  Secondary and Other User Submissions - Delinked Program Records *(pending secondary and other Data Steward submissions that delink program record(s) from existi*
-  Secondary and Other User Submissions - Relinked Program Records *(pending re-linkages (i.e., moves) submitted by Secondary and Other Data Stewards [Learn more](#))*
-  Secondary and Other User Submissions - GIS Data *(pending updated geospatial data submitted by Secondary and Other Data Stewards [Learn more](#))*
-  Secondary Data Steward Summary *(report to view detailed statistics about secondary data steward submissions in your region [Learn more](#))*

All Secondary and Other User Data Submissions

-  All Submitted Updates, Merges, and Linkage Modifications *(all secondary and other steward facility submissions, including updates, merges, and linkage modifications ar*
-  All Submitted GIS Data *(all secondary and other steward geospatial submissions and the status of each submission)*

Facility Reports

-  Facility Registry *(lists all facilities in FRS, including name, address, and data quality code)*
-  Facilities Advanced Filtering *(lists facilities in FRS, including name, address, data quality code, linked program system name, and linked program system ID)*
-  Facilities Advanced Filtering by Program System and Interest Type *(lists facilities in FRS, including name, address, data quality code, linked program system name, and*
-  Program Summary Statistics *(displays the total number of records by program system within the criteria selected (State, EPA Region, City, County, or Zip.))*

How to Generate Classic Reports (Continued)



3. Enter values into the search parameters to limit results.

- Generally, one parameter must be entered to continue.

Program History Report Search

This report will display up to 1 million program facility records at a time. At least

Registry ID:

Program Name:

Program ID:

Facility Name

Location Address

City Name

County Name

State Code

Postal Code

EPA Region Code

How to Generate Classic Reports (Continued)



- Click the 'Search' button to generate records which meet the specified criteria.

Note(s):

- The search functionality for each built-in report will differ dependent on the report selected. For example, some reports will use the 'Go' button to search for records that meet the specified criteria.

Current FRS Facility Data

The Current FRS Facility Data Quality report depicts a real time breakdown of FRS data quality by data quality code. [Learn more](#)

Search: **Go** 1. Primary Report

▼

Program History Report Search

This report will display up to 1 million program facility records at a time. At least

Registry ID:

Program Name:

Program ID:

Facility Name:

Location Address:

City Name:

County Name:

State Code:

Postal Code:

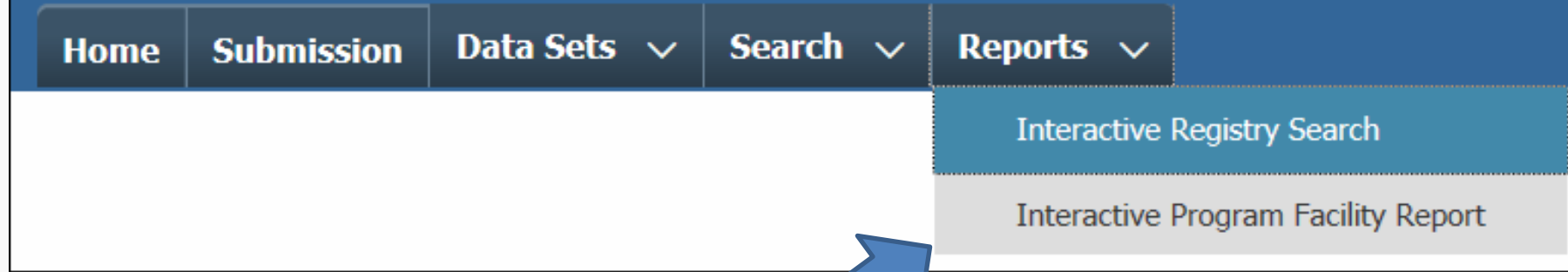
EPA Region Code:

Search

How to Generate Interactive Reports



Facility Linkage Application



1. Navigate to the 'Registry Facility Search' or 'Program Facility Search' pages by selecting one of the options under the 'Reports' tab.

How to Generate Interactive Reports (Continued)



2. Select an EPA region code from the drop-down.
3. Click the 'Search' button to generate results.







Facility Registry Search

This is an interactive report that allows the user to have maximum flexibility in creating their own customized report. Start by selecting an action to be applied to the report using the actions button.

EPA Region Code

03

1 - 50 of 253391

Actions	Registry Id	Registry Name	Address
 	999983007008	SPRINGFIELD	8206 TERMINAL RD
 	110043375460	CEDAR ROCK MATERIALS CORP	STATE ROUTE 11
 	110010606488	EAST COAST RESORTS CORP. SITE	NEAR ELISHA'S GUT

Program Facility Search







This is an interactive report that allows the user to have maximum flexibility in creating their own customized report. Start by selecting an action to be applied to the report using the actions button.

EPA Region Code

03

Search

1 - 50 of 253391

Actions	Registry ID	Program Acnm	Program ID	Program Facility Name
 	110055573972	AIRS/AFS	5119500237	ENERGY ENTERPRISES OF NORTON INC
 	110028945738	AIRS/AFS	2402700423	NEWPORT SCIENTIFIC
 	110055558454	AIRS/AFS	4209100245	RECYCLE METALS CORP/CONSHOHOCKEN



FLA TIPS

Tip #1 – Get to Know the Underlying Data



- The [Program Systems in FRS](#) is a good place to start. There, you will find links for web sites explaining the various federal and state programs.
- Understanding where the data is coming from can explain the purpose of the data.
 - Knowing that Safe Drinking Water Information System (SDWIS) records often refer to an entire water system of a town explains why it does not have a traditional address or specific location information.
 - Knowing that some program data was collected in the mid 2000s will explain why the data seems to have outdated company names.

Tip #2 – Review Comments



- Always check the comments before making any changes to an FRS record. This includes merging, relinking, or updating the FRS record with new information.
- A linkage that may, at first glance, appear erroneous may be explained in the comments section. The owner of the facility may have submitted an error notification that specifically explains why a group of records belong together, and the data steward that made the linkage may have left an explanation to prevent its undoing.
- Checking the comments could save you some work. If there is a questionable linkage, or the correct primary name is not obvious, the comments might clear this up before any research is done.

Tip #3 – Add Comments



- Whenever a linkage is made or broken, and it is not obvious why the move or merge was made, the comments should fully explain and support the action.
- If there is more than one possible variation of the company name for a facility, and you update it to one or the other, the comments should explain why you chose the name that you did.
- If applicable, you should always leave the source of your information in the comments.
 - If you verified that an intersection address and a standard urban style address are really the same location using www.maps.google.com, then put this in your comments.
 - If you verified a company name using their web site, put the URL in your comments so you or others can recheck this later.

Tip #4 – Check Update Dates



- When merging or updating records, you may find that the most correct information cannot be verified with an outside source.
- In these situations, the update dates and last reported dates can be reviewed to see which program system is reporting the most recent data in order to decide which is more likely to be correct.



Business Rules for Updating Records

Rules for Updating Facility Names



- Names
 - Check the comments before updating a name.
 - Use the verified company name: the facility name for the most part will be the name of the company that owns the facility.
 - Expand all abbreviations except LLC, USA, company names that are more common as an abbreviation like IBM, and state codes.
 - Remove punctuation.
 - Remove unnecessary spaces: leading, trailing, multiple spaces in a row.
 - Locational information in the company name that is found elsewhere in the record should be removed.
 - Update the FRS name for a change in ownership without a change in business.
 - New name, new ownership, and new businesses will necessitate the creation of a new FRS record.

Rules for Merging and Linking Facilities



- All records for the same company at the same location should be merged under a single FRS record.
- Multiple businesses at the same address (an office building or an industrial park, for example) will have multiple FRS records.
- A single location can have different addresses (2400 Main Street; 24th & Main; etc.). These can be linked if research indicates they are indeed different ways of representing the same location.
- In cases where a program system record shows a company headquarters address instead of the facility address, the record should be linked with the actual facility location rather than the reported headquarters address.